

DETERMINATION OF NON-SIGNIFICANCE

PROPOSAL NAME:	AME: City of Bellevue Bridle Trails Neighborhood Park			
LOCATION:	4432 140th Ave NE			
FILE NUMBERS:	22-105126-GD			
PROPONENT:	Scott VanderHyden, City of Bellevue			

DESCRIPTION OF PROPOSAL:

Application for preliminary SEPA review to develop a 1.35 acre vacant lot into a neighborhood park. The proposal includes public right-of-way frontage improvements, utility improvements, parking, play area, walking trails, picnic shelter, restroom, landscaping and open lawn space.

The Environmental Coordinator of the City of Bellevue has determined that this proposal does not have a probable significant adverse impact upon the environment. An Environmental Impact Statement (EIS) is not required under RCW 43.21C.030(2)(C). This decision was made after the Bellevue Environmental Coordinator reviewed the completed environmental checklist and information filed with the Land Use Division of the Development Services Department. This information is available to the public on request.

This DNS is issued after using the optional DNS process in WAC 197-11-355. There is no further comment period on the DNS. There is a 14-day appeal period. Only persons who submitted written comments before the DNS was issued may appeal the decision.

DATE ISSUED: September 22, 2022

APPEAL DATE: October 6, 2022

A written appeal must be filed in the City Clerk's Office by 5 p.m. on the date noted above.

This DNS may be withdrawn at any time if the proposal is modified so as to have significant adverse environmental impacts; if there is significant new information indicating a proposals probable significant adverse environmental impacts (unless a non-exempt license has been issued if the proposal is a private project): or if the DNS was procured by misrepresentation or lack of material disclosure.

Date: 9/22/22

Reilly Pittman

Issued By: Planning Manager for

Elizabeth Stead, Environmental Coordinator Development Services Department

SEPA ENVIRONMENTAL CHECKLIST

Purpose of checklist:

Governmental agencies use this checklist to help determine whether the environmental impacts of your proposal are significant. This information is also helpful to determine if available avoidance, minimization or compensatory mitigation measures will address the probable significant impacts or if an environmental impact statement will be prepared to further analyze the proposal.

Instructions for applicants:

This environmental checklist asks you to describe some basic information about your proposal. Please answer each question accurately and carefully, to the best of your knowledge. You may need to consult with an agency specialist or private consultant for some questions. You may use "not applicable" or "does not apply" only when you can explain why it does not apply and not when the answer is unknown. You may also attach or incorporate by reference additional studies reports. Complete and accurate answers to these questions often avoid delays with the SEPA process as well as later in the decision-making process.

The checklist questions apply to <u>all parts of your proposal</u>, even if you plan to do them over a period of time or on different parcels of land. Attach any additional information that will help describe your proposal or its environmental effects. The agency to which you submit this checklist may ask you to explain your answers or provide additional information reasonably related to determining if there may be significant adverse impact.

Instructions for Lead Agencies:

Please adjust the format of this template as needed. Additional information may be necessary to evaluate the existing environment, all interrelated aspects of the proposal and an analysis of adverse impacts. The checklist is considered the first but not necessarily the only source of information needed to make an adequate threshold determination. Once a threshold determination is made, the lead agency is responsible for the completeness and accuracy of the checklist and other supporting documents.

Use of checklist for nonproject proposals:

For nonproject proposals (such as ordinances, regulations, plans and programs), complete the applicable parts of sections A and B plus the <u>SUPPLEMENTAL SHEET FOR NONPROJECT ACTIONS (part D)</u>. Please completely answer all questions that apply and note that the words "project," "applicant," and "property or site" should be read as "proposal," "proponent," and "affected geographic area," respectively. The lead agency may exclude (for non-projects) questions in Part B - Environmental Elements —that do not contribute meaningfully to the analysis of the proposal.

A. Background [HELP]

- Name of proposed project, if applicable: Bridle Trails 140th Ave. NE Neighborhood Park
- 2. Name of applicant: City of Bellevue Parks & Community Services Dept.

- 3. Address and phone number of applicant and contact person: PO BOX 90012 Bellevue WA, 98009 Scott Vander Hyden, Project Manager 425-864-1562
- 4. Date checklist prepared:

Date submitted 04/01/22

- 5. Agency requesting checklist: City of Bellevue
- 6. Proposed timing or schedule (including phasing, if applicable): **Construction expected to begin 1**st **quarter 2023. Expect 4-5 month construction window.**
- 7. Do you have any plans for future additions, expansion, or further activity related to or connected with this proposal? If yes, explain. **No**
- 8. List any environmental information you know about that has been prepared, or will be prepared, directly related to this proposal. *Wetland report, geotechnical report, site survey, critical areas boundary delineation. City of Bellevue permits for construction including clear & grade, utilities extension agreement permits.*
- 9. Do you know whether applications are pending for governmental approvals of other proposals directly affecting the property covered by your proposal? If yes, explain. *Permits for the development of the residential property adjacent and to the north.*
- 10. List any government approvals or permits that will be needed for your proposal, if known. Clear & Grade permit, utilities extension agreement, building permit, plumbing permit.
- 11. Give brief, complete description of your proposal, including the proposed uses and the size of the project and site. There are several questions later in this checklist that ask you to describe certain aspects of your proposal. You do not need to repeat those answers on this page. (Lead agencies may modify this form to include additional specific information on project description.) Development of approximately 1.35 acres for a neighborhood park. Design includes Right of Way frontage Improvements, utility improvements, a 10-12 space parking lot, play area, open lawn area, walking trails, picnic shelter, restroom, and landscaping.
- 12. Location of the proposal. Give sufficient information for a person to understand the precise location of your proposed project, including a street address, if any, and section, township, and range, if known. If a proposal would occur over a range of area, provide the range or boundaries of the site(s). Provide a legal description, site plan, vicinity map, and topographic map, if reasonably available. While you should submit any plans required by the agency, you are not required to duplicate maps or detailed plans submitted with any permit applications related to this checklist. *4432* 140th Ave. NE Bellevue Wa. 98004

Lot 1 of City of Bellevue Short Plat No. PSP-98-2249, as recorded under Recording No. 20001213900009, Records of King County Auditor, being a portion of the South One Third of the Northwest Quarter of the Southeast Quarter of Section 15, Township 25 North, Range 5 East, W.M. Situate in the City of Bellevue, County of King, State of Washington

B. Environmental Elements [HELP]

1. Earth	he	p	L
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a. General description of the site:

(circle one): Flat, rolling, hilly, steep slopes, mountainous, other	Western 2/3
rd of the site is flat, eastern 1/3 rd slopes gently towards the southeast.	

- b. What is the steepest slope on the site (approximate percent slope)? *Approx.* 18.6%
- c. What general types of soils are found on the site (for example, clay, sand, gravel, peat, muck)? If you know the classification of agricultural soils, specify them and note any agricultural land of long-term commercial significance and whether the proposal results in removing any of these soils. Gravelly Fine and Fine to Medium SAND Some Silt; Agricultural soils N/A
- d. Are there surface indications or history of unstable soils in the immediate vicinity? If so, describe. **No**
- e. Describe the purpose, type, total area, and approximate quantities and total affected area of any filling, excavation, and grading proposed. Indicate source of fill. *Grading on the site will consist of cutting approximately 247 CY and filling approximately 724 CY, utilizing a reputable source of free draining structural soil for the fill. Total area of fine grading is approximately 55,836 SF, not to exceed the site's NGPA boundary.*
- f. Could erosion occur as a result of clearing, construction, or use? If so, generally describe.

 Possible minor erosion could occur during construction, however with proper TESC installation and monitoring not likely to occur.
- g. About what percent of the site will be covered with impervious surfaces after project construction (for example, asphalt or buildings)? *Approx.* 15%
- h. Proposed measures to reduce or control erosion, or other impacts to the earth, if any: An approved Stormwater Pollution Control Plan (SWPPP) with TESC and monitoring will be required.

2. Air [help]

- a. What types of emissions to the air would result from the proposal during construction, operation, and maintenance when the project is completed? If any, generally describe and give approximate quantities if known. Typically emissions from construction equipment during construction. Once project is complete, typical maintatince equipment such as mowers.
- b. Are there any off-site sources of emissions or odor that may affect your proposal? If so, generally describe. **No**

- c. Proposed measures to reduce or control emissions or other impacts to air, if any: **Only run equipment as needed.**
- 3. Water [help]
- a. Surface Water: [help]
 - Is there any surface water body on or in the immediate vicinity of the site (including year-round and seasonal streams, saltwater, lakes, ponds, wetlands)? If yes, describe type and provide names. If appropriate, state what stream or river it flows into. The site contains a Category II wetland; surface water flows into Valley Creek, directly east of the property.
 - 2) Will the project require any work over, in, or adjacent to (within 200 feet) the described waters? If yes, please describe and attach available plans. The property boundary is approx. 140 feet from the Valley Creek delineation. Any work within 200 feet of Valley Creek will be slight grading to tie into existing grades.
 - 3) Estimate the amount of fill and dredge material that would be placed in or removed from surface water or wetlands and indicate the area of the site that would be affected. Indicate the source of fill material. **None**
 - 4) Will the proposal require surface water withdrawals or diversions? Give general description, purpose, and approximate quantities if known. **No**
 - 5) Does the proposal lie within a 100-year floodplain? If so, note location on the site plan. **No**
 - 6) Does the proposal involve any discharges of waste materials to surface waters? If so, describe the type of waste and anticipated volume of discharge. **No**
- b. Ground Water: [help]
 - 1) Will groundwater be withdrawn from a well for drinking water or other purposes? If so, give a general description of the well, proposed uses and approximate quantities withdrawn from the well. Will water be discharged to groundwater? Give general description, purpose, and approximate quantities if known. **No**

- 2) Describe waste material that will be discharged into the ground from septic tanks or other sources, if any (for example: Domestic sewage; industrial, containing the following chemicals. . . ; agricultural; etc.). Describe the general size of the system, the number of such systems, the number of houses to be served (if applicable), or the number of animals or humans the system(s) are expected to serve. **No discharge.**
- c. Water runoff (including stormwater):
 - 1) Describe the source of runoff (including storm water) and method of collection and disposal, if any (include quantities, if known). Where will this water flow? Will this water flow into other waters? If so, describe.

The primary source of stormwater runoff will be rainfall. A system of catch basins and pipes will be used to collect stormwater and route to the proposed detention facility. Stormwater will be discharged to the adjacent wetland east of the project site, eventually reaching Valley Creek.

- Could waste materials enter ground or surface waters? If so, generally describe.
 - No. The project will utilize best management practices (BMPs) and the requirements of the approved SWPPP during construction to minimize waste materials from entering groundwater or surface waters.
- 3) Does the proposal alter or otherwise affect drainage patterns in the vicinity of the site? If so, describe.

No, the proposed project will not alter current drainage patterns. In the existing conditions, runoff generally sheet flows toward a wetland along the eastern border of the property line. The proposed drainage infrastructure will follow existing topography and discharge to the same wetland to the east.

d. Proposed measures to reduce or control surface, ground, and runoff water, and drainage pattern impacts, if any:

The project proposes to install flow control facilities in accordance with City of Bellevue standards. Providing these detention facilities will significantly reduce runoff rates impacted by the addition of impervious surfaces. Infiltration feasibility is being evaluated, but the detention facility will use the design infiltration rate provided by the geotechnical engineer.

4. Plants [help]

a.	Check	the	tvpes	of	vegetation	found	d on	the	site:

_x__deciduous tree: alder, maple, aspen, other

x evergreen tree: fir, cedar, pine, other

	x_shrubs
	xgrass
	pasture
	crop or grain
	Orchards, vineyards or other permanent crops.
	wet soil plants: cattail, buttercup, bullrush, skunk cabbage, other
	water plants: water lily, eelgrass, milfoil, other
	xother types of vegetation
b.	What kind and amount of vegetation will be removed or altered? Selective tree removal, appox. 7, 1.35 acre weeds and scrub grasses removal.
c.	List threatened and endangered species known to be on or near the site. <i>None known</i>
d.	Proposed landscaping, use of native plants, or other measures to preserve or enhance vegetation on the site, if any: Both ornamental and native trees and shrubs will be planted throughout the vegetative landscaped area of the 1.35 acres to be developed.
	List all noxious weeds and invasive species known to be on or near the site. <i>Himilayan</i>
5.	Animals [help]
a.	<u>List</u> any birds and <u>other</u> animals which have been observed on or near the site or are known to be on or near the site. <i>Birds: likely incl. heron, eagle, songbirds. River Otter have been seen. Likely coyote, racooon and othet typical NW animals and birds would be present.</i>
	Examples include:
	birds: hawk, heron, eagle, songbirds, other: mammals: deer, bear, elk, beaver, other: fish: bass, salmon, trout, herring, shellfish, other
b.	List any threatened and endangered species known to be on or near the site. <i>Gray Wolf, North American Wolverine, Marbled Murrelet, Streaked Horn Lark, Yellow-billed Cuckoo, Bull Trout</i>
C.	Is the site part of a migration route? If so, explain. Not known.

- d. Proposed measures to preserve or enhance wildlife, if any: Native plantings to be used in vicinity of critical area buffer will be planted to enhance habitat and provide benefits to pollinators. Large woody debris and mulch will be provided that allows habitat for insects and invertebrates. Large trees will be planted to provide future nesting opportunities for birds.
 - e. List any invasive animal species known to be on or near the site. *None known.*

6. Energy and Natural Resources [help]

- a. What kinds of energy (electric, natural gas, oil, wood stove, solar) will be used to meet the completed project's energy needs? Describe whether it will be used for heating, manufacturing, etc. N/A
- b. Would your project affect the potential use of solar energy by adjacent properties?
 If so, generally describe. No
- c. What kinds of energy conservation features are included in the plans of this proposal? List other proposed measures to reduce or control energy impacts, if any: **None**

7. Environmental Health [help]

- a. Are there any environmental health hazards, including exposure to toxic chemicals, risk of fire and explosion, spill, or hazardous waste, that could occur as a result of this proposal? If so, describe. **No**
- Describe any known or possible contamination at the site from present or past uses. None known.
- c. Describe existing hazardous chemicals/conditions that might affect project development and design. This includes underground hazardous liquid and gas transmission pipelines located within the project area and in the vicinity. None known.
- d. Describe any toxic or hazardous chemicals that might be stored, used, or produced during the project's development or construction, or at any time during the operating life of the project. Gasoline for construction and maintenance equipment.
- e. Describe special emergency services that might be required. Fire Department, Police Department for an emergency or security needs at a public Park.

f. Proposed measures to reduce or control environmental health hazards, if any: None

b. Noise

- 1) What types of noise exist in the area which may affect your project (for example: traffic, equipment, operation, other)? *Traffic*
- 2) What types and levels of noise would be created by or associated with the project on a short-term or a long-term basis (for example: traffic, construction, operation, other)? Indicate what hours noise would come from the site. *Traffic, construction equipment short term. 7AM-5PM weekdays for 4-5 months. After development, public use of the site as public park, year around open dawn to dusk.*
- 3) Proposed measures to reduce or control noise impacts, if any: *Limited hours of construction 7AM-5PM weekdays only. Day use only during park hours once open.*

8. Land and Shoreline Use [help]

- a. What is the current use of the site and adjacent properties? Will the proposal affect current land uses on nearby or adjacent properties? If so, describe. Current use of the site is an undeveloped City of Bellevue Park property. There are single use residential homes adjacent to the property on the north and south and across 140th on the west. Land uses will not be affected by the proposed park development.
- b. Has the project site been used as workig farmlands or working forest lands? If so, describe. How much agricultural or forest land of long-term commercial significance will be converted to other uses as a result of the proposal, if any? If resource lands have not been designated, how many acres in farmland or forest land tax status will be converted to nonfarm or nonforest use? No
 - 1) Will the proposal affect or be affected by surrounding working farm or forest land normal business operations, such as oversize equipment access, the application of pesticides, tilling, and harvesting? If so, how **No.**
- c. Describe any structures on the site. *The site is cleared of all structures.*
- d. Will any structures be demolished? If so, what? **None**
- e. What is the current zoning classification of the site? Single use residential.
- f. What is the current comprehensive plan designation of the site? **Public Park**

- g. If applicable, what is the current shoreline master program designation of the site? N/A
- h. Has any part of the site been classified as a critical area by the city or county? If so, specify. A portion of the site is designated native growth protection (NPA) with a critical area buffer.
- i. Approximately how many people would reside or work in the completed project? **The park** would be maitntained by the City of Bellevue Parks Depart. Weekly maintenance on the site would occur with 2 or 3 staff.
- j. Approximately how many people would the completed project displace? None
- k. Proposed measures to avoid or reduce displacement impacts, if any: N/A
- L. Proposed measures to ensure the proposal is compatible with existing and projected land uses and plans, if any: *Review by City of Bellevue Land Use staff.*
- m. Proposed measures to reduce or control impacts to agricultural and forest lands of long-term commercial significance, if any: **N/A**

9. Housing [help]

- a. Approximately how many units would be provided, if any? Indicate whether high, middle, or low-income housing. **N/A**
- b. Approximately how many units, if any, would be eliminated? Indicate whether high, middle, or low-income housing. **N/A**
- c. Proposed measures to reduce or control housing impacts, if any: N/A

10. Aesthetics [help]

a. What is the tallest height of any proposed structure(s), not including antennas; what is the principal exterior building material(s) proposed? *Picinic shelter parking lot security lighting pole. Max. 20-25*'

- b. What views in the immediate vicinity would be altered or obstructed? None
 - f. Proposed measures to reduce or control aesthetic impacts, if any: None

11. Light and Glare [help]

- a. What type of light or glare will the proposal produce? What time of day would it mainly occur? **Soft security light pole in parking lot, dark till dawn, minimal or no glare expected**.
- b. Could light or glare from the finished project be a safety hazard or interfere with views? **No**
- c. What existing off-site sources of light or glare may affect your proposal? **Street lights, likely no negative impact**
- d. Proposed measures to reduce or control light and glare impacts, if any: **None expected to be needed.**

12. Recreation [help]

- a. What designated and informal recreational opportunities are in the immediate vicinity? **Bellevue Municiple Golf Course, located one block north.**
- b. Would the proposed project displace any existing recreational uses? If so, describe. **No, it** will increase opportunities.
- c. Proposed measures to reduce or control impacts on recreation, including recreation opportunities to be provided by the project or applicant, if any: *Project will provide playground, picnicing, pedestrian trail use, open lawn area for recreation.*

13. Historic and cultural preservation [help]

a. Are there any buildings, structures, or sites, located on or near the site that are over 45 years old listed in or eligible for listing in national, state, or local preservation registers? If so, specifically describe. **None known.**

- b. Are there any landmarks, features, or other evidence of Indian or historic use or occupation? This may include human burials or old cemeteries. Are there any material evidence, artifacts, or areas of cultural importance on or near the site? Please list any professional studies conducted at the site to identify such resources. *None known.*
- c. Describe the methods used to assess the potential impacts to cultural and historic resources on or near the project site. Examples include consultation with tribes and the department of archeology and historic preservation, archaeological surveys, historic maps, GIS data, etc.
 The DAHP Predictive Model lists this property as Moderate Risk. There are no archaeological sites or cemeteries recorded within 1 mile of the project the closest site is 1.5 mi NE.
 The area is surrounded by houses that are older than 50 years, but none have been formally recorded or evaluated. There have been a few surveys within a mile of the parcel, none identified cultural resources in a 1 mile radius.
- d. Proposed measures to avoid, minimize, or compensate for loss, changes to, and disturbance to resources. Please include plans for the above and any permits that may be required. Ground disturbance will be minimized on areas of the site closer to the critical areas where we will be predominately filling. Other work is in areas that have been previously disturbed by a residential home (not historic) that was previously on the site.

14. Transportation [help]

- a. Identify public streets and highways serving the site or affected geographic area and describe proposed access to the existing street system. Show on site plans, if any. The proposed project and the park entrance is on a major arterial, 140th Ave NE which connects Bellevue with Redmond.
- b. Is the site or affected geographic area currently served by public transit? If so, generally describe. If not, what is the approximate distance to the nearest transit stop? *Public transit is established within a mile of the property, running along 148th Ave NE. The nearest transit stop is approximately .8 miles away, at 148th Ave NE and NE 40th St.*
- c. How many additional parking spaces would the completed project or non-project proposal have? How many would the project or proposal eliminate? *The project would add 10-12 parking spaces. There is currently no public parking at the proposed site.*
- d. Will the proposal require any new or improvements to existing roads, streets, pedestrian, bicycle or state transportation facilities, not including driveways? If so, generally describe (indicate whether public or private) Right of Way and road improvements would include, flashing mid-block crosswalk, park frontage sidewalk, street lighting improvements and Right of Way landscaping and possible underground of overhead utilities.

- e. Will the project or proposal use (or occur in the immediate vicinity of) water, rail, or air transportation? If so, generally describe. **No**
- f. How many vehicular trips per day would be generated by the completed project or proposal? If known, indicate when peak volumes would occur and what percentage of the volume would be trucks (such as commercial and nonpassenger vehicles). What data or transportation models were used to make these estimates? Vehicular trips to the site will not significantly increase the morning or afternoon peak volumes.
- g. Will the proposal interfere with, affect or be affected by the movement of agricultural and forest products on roads or streets in the area? If so, generally describe. **No**
- h. Proposed measures to reduce or control transportation impacts, if any: *Improvements for pedestrian and bicycle access to the site.*

15. Public Services [help]

- a. Would the project result in an increased need for public services (for example: fire protection, police protection, public transit, health care, schools, other)? If so, generally describe. Fire and police protection would be required, but not a significant increase.
- b. Proposed measures to reduce or control direct impacts on public services, if any. *There will* be no impacts to public services.

16. Utilities [help]

- a. Circle utilities currently available at the site:
 electricity, natural gas, water, refuse service, telephone, sanitary sewer, septic system,
 other ______ no services currently on-site. Electric, water, communications at
 street.
- b. Describe the utilities that are proposed for the project, the utility providing the service, and the general construction activities on the site or in the immediate vicinity which might be needed. Electrical and water services will be required. PSE and City of Bellevue Utilities providers.

C. Signature [HELP]
The above answers are true and complete to the best of my knowledge. I understand that the lead agency is relying on them to make its decision.
Signature:
Name of signee Scott VANDER HYDEN
Position and Agency/Organization PROTECT MANAGER - CITY OF BELEVIE PARK
Date Submitted: 4/1/22
D. Supplemental sheet for nonproject actions [HELP]
(IT IS NOT NECESSARY to use this sheet for project actions)
Because these questions are very general, it may be helpful to read them in conjunction with the list of the elements of the environment.
When answering these questions, be aware of the extent the proposal, or the types of activities likely to result from the proposal, would affect the item at a greater intensity or at a faster rate than if the proposal were not implemented. Respond briefly and in general terms.
 How would the proposal be likely to increase discharge to water; emissions to air; pro- duction, storage, or release of toxic or hazardous substances; or production of noise?
Proposed measures to avoid or reduce such increases are:
2. How would the proposal be likely to affect plants, animals, fish, or marine life?
Proposed measures to protect or conserve plants, animals, fish, or marine life are:
3. How would the proposal be likely to deplete energy or natural resources?

SEPA Environmental checklist (WAC 197-11-960)

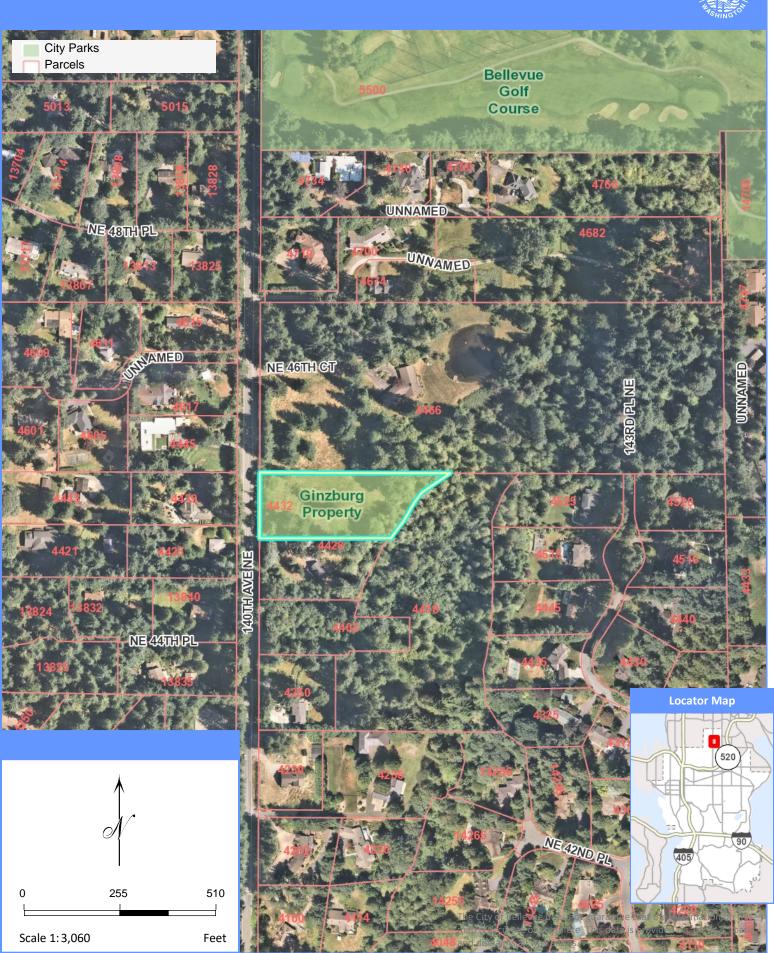
July 2016

Proposed measures to protect or conserve energy and natural resources are:

4. How would the proposal be likely to use or affect environmentally sensitive areas or areas designated (or eligible or under study) for governmental protection; such as parks,

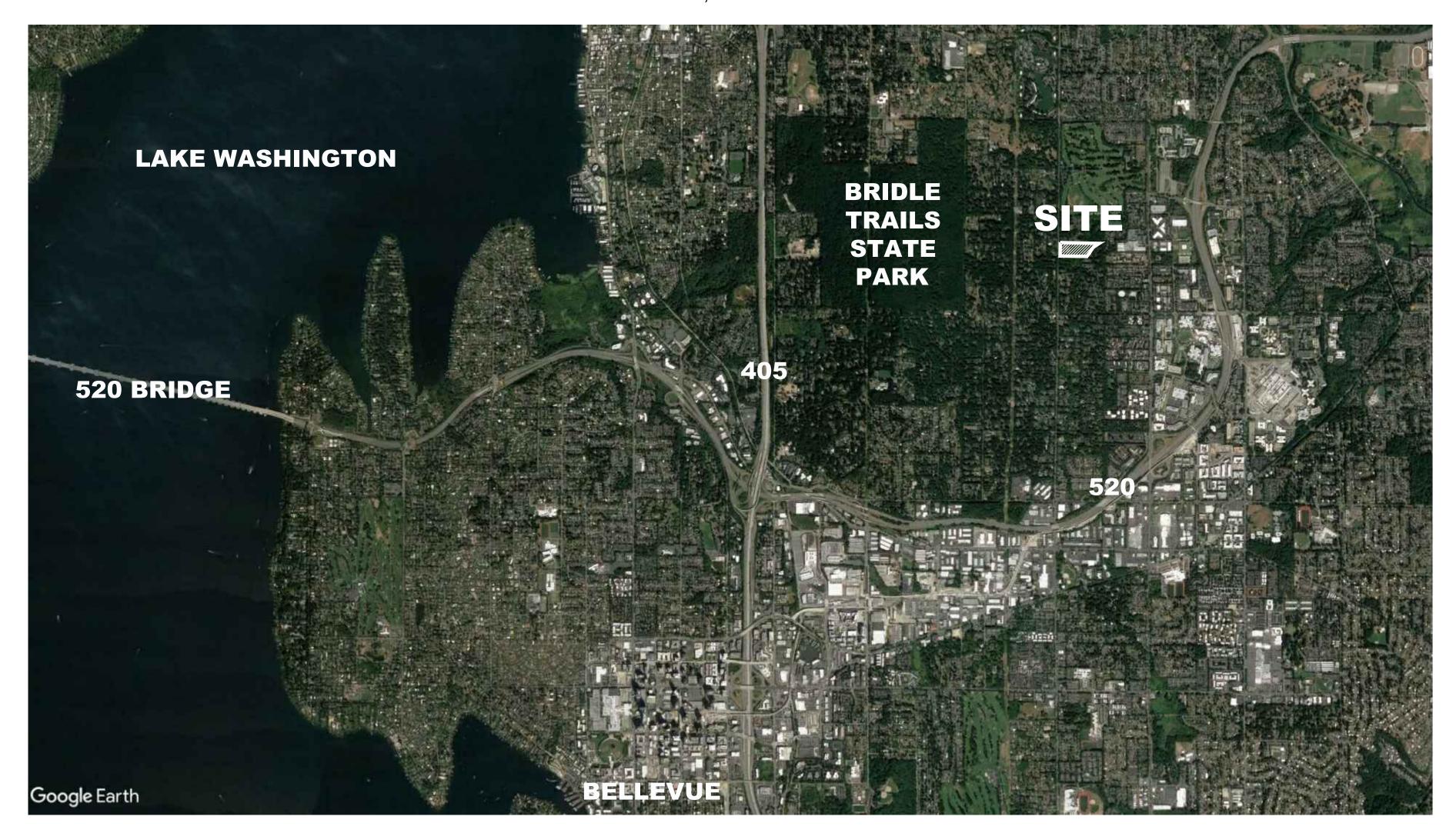
	wilderness, wild and scenic rivers, threatened or endangered species habitat, historic or cultural sites, wetlands, floodplains, or prime farmlands?
	Proposed measures to protect such resources or to avoid or reduce impacts are:
5.	How would the proposal be likely to affect land and shoreline use, including whether it would allow or encourage land or shoreline uses incompatible with existing plans?
	Proposed measures to avoid or reduce shoreline and land use impacts are:
6.	How would the proposal be likely to increase demands on transportation or public services and utilities?
	Proposed measures to reduce or respond to such demand(s) are:
7.	Identify, if possible, whether the proposal may conflict with local, state, or federal laws or requirements for the protection of the environment.





BRIDLE TRAILS PARK

CITY OF BELLEVUE BELLEVUE, WASHINGTON



Notes:

- . SEE SURVEY SHEET 1 FOR LEGAL DESCRIPTION, NORTH POINT, SCALE.
- 2. ALL PROPERTY WILL BE DEDICATED PUBLIC OPEN SPACE.
- 3. ZONING: Single-Family Residential Estate (R-1)
- 4. PROJECT AREA: 71,740 SF TOTAL PROPOSED IMPERVIOUS AREA: 11,308 SF

PROJECT CONTACTS

APPLICANT
CITY OF BELLEVUE PARKS

Scott VanderHyden 450 110th Ave NE Bellevue, WA 98004 P: 425-864-1562 (SVanderHyden@bellevuewa.gov)

DESIGN TEAM

LANDSCAPE ARCHITECT
THE BERGER PARTNERSHIP, PS

1927 Post Alley, Ste. 2
Seattle, WA 98101
P: 206-325-6877
Primary contact: Laura Laney
(laural@bergerpartnership.com)

Secondary contact: Andy Mitton (andym@bergerpartnership.com)

CIVIL ENGINEER
LPD ENGINEERING
1932 First Avenue, Suite 201
Seattle, WA 98101
P: 206-725-1211
Primary contact: Laurie Pfarr

ENVIRONMENTAL ENGINEER
ASSOCIATED EARTH SCIENCES, INC.
911 5th Avenue
Kirkland, WA 98033
P: 425-827-7701
Primary contact: Jennifer Saltonstall

ELECTRICAL ENGINEER
MAZZETTI+GBA
19203 36th Avenue W, Suite 200
Lynnwood, WA 98036
P:425-712-2192
Primary contact: Eric Sweet

PARTNERSHIP PARTNERSHIP 1927 Post Alley, Ste. 2 Seattle, WA 98101 bergerpartnership.com



SET TYPE:
PERMIT SET

SET ISSUE DATE: 03.31.2022

REVISIONS:

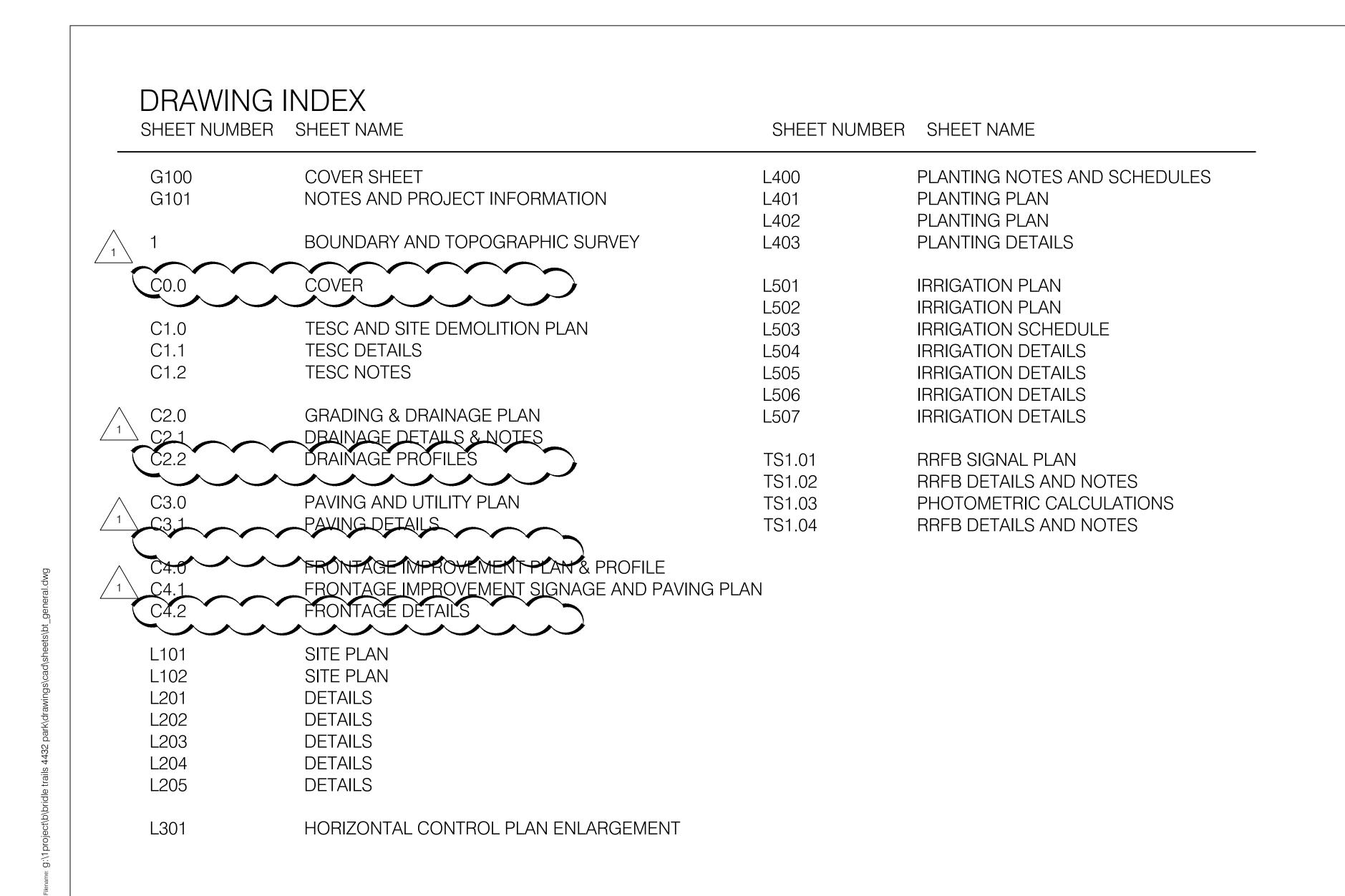
DRAWN/CHECKED:
SW/LL/AM
SHEET NAME:
COVER SHEET

SHEET NUMBER:

G100

BRIDLE TRAILS PARK

CITY OF BELLEVUE BELLEVUE, WASHINGTON



ABBREVIATIONS:

AND NUMBER

DIAMETER

ALUM ALUMINUM APPROXIMATE (-LY)

ARCHITECT ARCH

BOTTOM OF STAIR

CAL CALIPER

CB CATCH BASIN CIP CAST IN PLACE CAST IN PLACE C.I.P.

CONTROL JOINT CJCL CENTERLINE

CLR CLEAR (-ANCE)

CONC CONCRETE

DEMO DEMOLISHED, DEMOLITION

DIAMETER DIA DIAMETER DIAM

EAST

EXPANSION JOINT

ELEVATION EQ

EQUAL

EXP. JT. -**EXPANSION JOINT**

F.O.I.C -FURNISHED BY OWNER INSTALLED BY CONTRACTOR

FG FINISHED GRADE

FINISHED FLOOR ELEVATION

FS FINISHED SURFACE

GAUGE GALLON GAL

GALV - GALVINIZED - HIGH POINT

- HEIGHT

- INVERT ELEVATION

- JOINT

- LOW POINT LP MAX. - MAXIMUM MINIMUM

- NORTH

- NOT IN CONTRACT

- ON CENTER - OUTER DIAMETER

- POINT OF BEGINNING POINT OF CONNECTION

- POINT - RADIUS

- SQUARE FOOT

- SQUARE

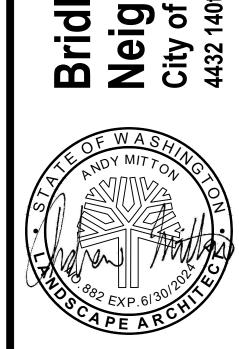
- STAINLESS STEEL STRUC - STRUCTURAL

- TOP OF STAIR TYPICAL

- WITH

Dergership Perger

140th borhood



PERMIT SET

03.31.2022

REVISIONS:

PERMIT RESUBMITTAL 08.03.2022

SW/LL/AM NOTES AND PROJECT INFORMATION

G101

GINZBURG PROPERTY
FOR
CITY OF BELLEVUE
KING COUNTY, WASHINGTON



2019.06.10 17:45:02-07'00'

DAVID EVANS
AND ASSOCIATES INC.

_ 11010110.	, u . D.

DATE: JUNE 10, 2019
DESIGN:
DRAWN: SXTO
CHECKED: DEV

SCALE: 1"=20'

REVISION

NUMBER:

PROJECT NUMBER:

BLVX0000-4176

SvTPXblvx0000-4176-GROUND.dwg

EET NO.

1

1932 FIRST AVENUE, SUITE 201

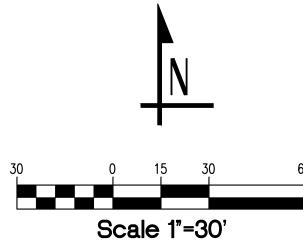
PRIMARY CONTACT: LAURIE PFARR

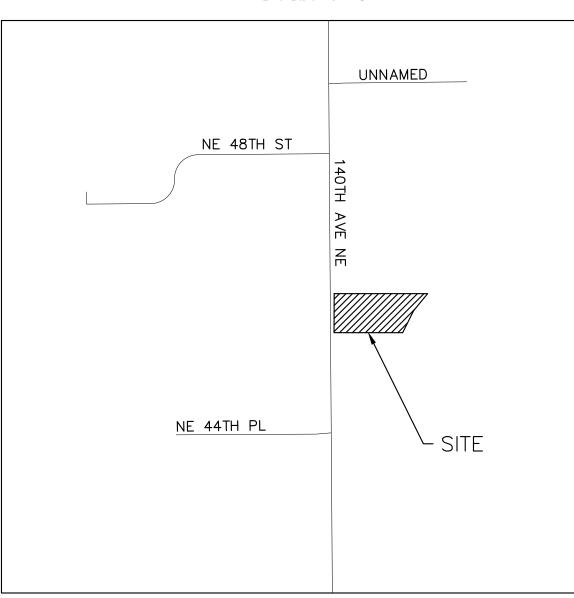
ANDREW WONG

SEATTLE, WA 98101

P: 206-725-1211

P: (360) 718-7595 PRIMARY CONTACT: DEBRA TAEVS





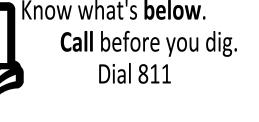
LOCATION MAP

SH	HEET LIST TABLE
SHEET NO	DESCRIPTION
C0.0-GD	COVER
C1.0	TESC AND SITE DEMOLITION PLAN
C1.1	TESC DETAILS
C1.2	TESC NOTES
C2.0	GRADING AND DRAINAGE PLAN
C3.0	PAVING AND UTILITY PLAN
C3.1	PAVING DETAILS
C4.0	FRONTAGE IMPROVEMENT PLAN & PROFILE
C4.1	FRONTAGE IMPROVEMENT SIGNAGE AND PAVING PLAN
C4.2	FRONTAGE DETAILS



CITY OF BELLEVUE APPROVAL STAMP

CITY OF BELLEVUE UTILITY GRID J-2 COB UE#22-105116, GD #22-105126 SW 1/4 , SECTION 15, TOWNSHIP 25 N, RANGE 5 E WM



DRAWN/CHECKED: KES/LJP SHEET NAME:

SHEET NUMBER:

C0.0-GD

SET TYPE:
PERMIT SET

Trails

BridCity of

SET ISSUE DATE: 04.05.2022

REVISIONS:

PERMIT RESUBMITTAL 08.03.2022

COVER

- DRIVEWAY SIGHT

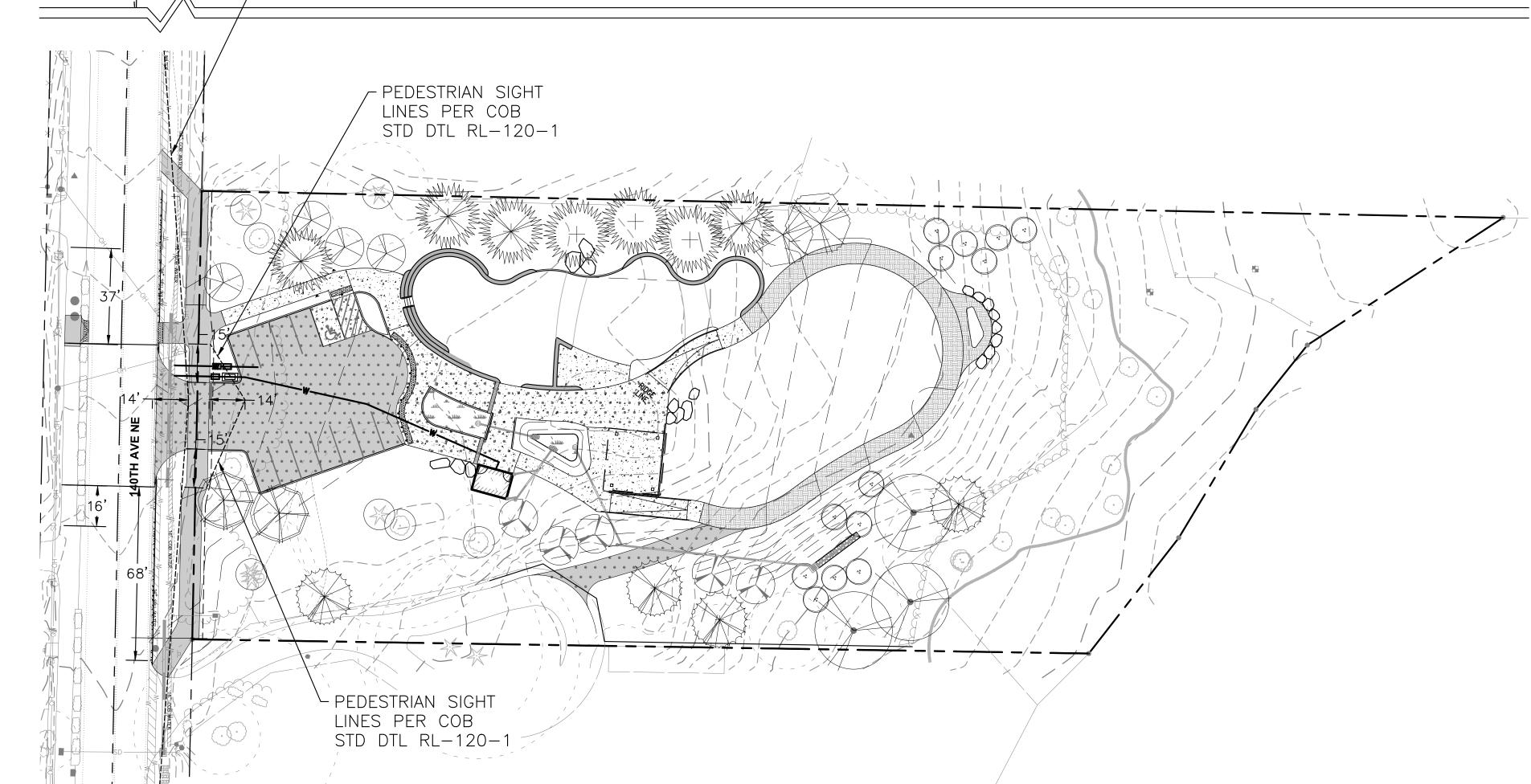
LINES PER COB

OF DRIVEWAY

STD DTL RL-100-1

360' FROM CENTER

▶0◀



LANDSCAPE

BERGER PARTNERSHIP
1927 POST ALLEY, SUITE 2
SEATTLE, WA 98101
P: (206) 325-6877
PRIMARY CONTACT: ANDY MITTON
LAURA LANEY

CIVIL ENGINEER

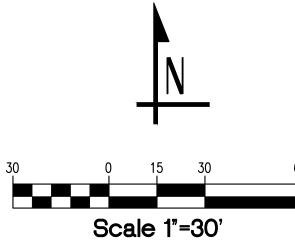
LPD ENGINEERING
1932 FIRST AVENUE, SUITE 201
SEATTLE, WA 98101
P: 206-725-1211
PRIMARY CONTACT: LAURIE PFARR
ANDREW WONG

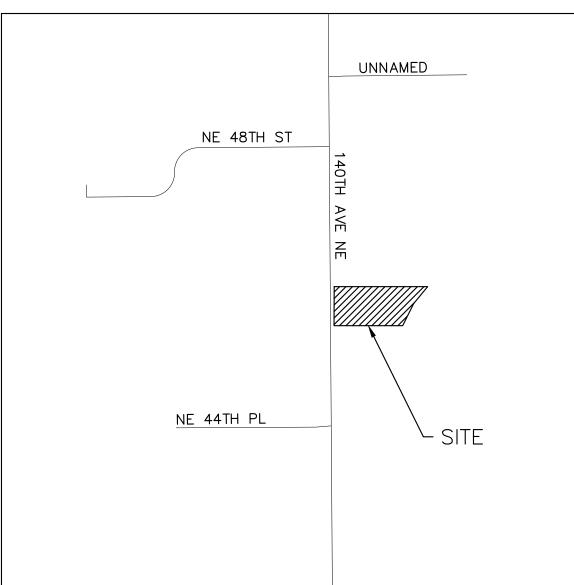
GEOTECHNICAL

ASSOCIATED EARTH SCIENCES, INC. 911 5TH AVE KIRKLAND, WA 98033 P: (425) 827-7701 PRIMARY CONTACT: JEFFREY LAUB

RESTROOM DESIGNER

GREEN FLUSH RESTROOMS
P: (360) 718-7595
PRIMARY CONTACT: DEBRA TAEVS

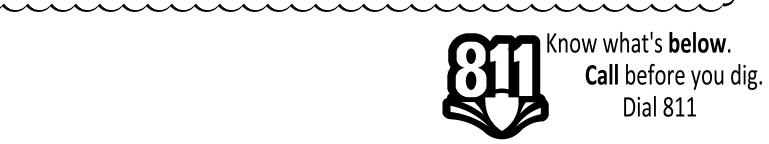




LOCATION MAP

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SHEET LIST TABLE			
SHEET NO	DESCRIPTION		
CO.O-UE	COVER		
C2.0	GRADING AND DRAINAGE PLAN		
C2.1	DRAINAGE DETAILS & NOTES		
C2.2	DRAINAGE PROFILES		
C3.0	PAVING AND UTILITY PLAN		
C4.0	FRONTAGE IMPROVEMENT PLAN & PROFILE		
C4.2	FRONTAGE DETAILS		

AREA SUMMARY					
NEW PLUS REPLACED PGHS	4,760 SF (0.109 AC)				
NEW PLUS REPLACED NON-PGHS	12,241 SF (0.281 AC)				
TOTAL NEW PLUS REPLACED HARD SURFACE	17,001 SF (0.390 AC)				
REPLACED HARD SURFACE	371 SF (0.009 AC)				
NEW HARD SURFACE	16,630 SF (0.382 AC)				
SITE NON-HARD (PERVIOUS) SURFACE	56,937 SF (1.308 AC)				
TOTAL SITE AREA	73,938 SF (1.699 AC)				



CITY OF BELLEVUE APPROVAL STAMP

CITY OF BELLEVUE UTILITY GRID J-2 COB UE#22-105116, GD #22-105126 SW 1/4, SECTION 15, TOWNSHIP 25 N, RANGE 5 E WM PARTNERSH DOTOO

1932 First Ave
Suite 201
Seattle, WA 98101
p. 206.725.1211
f. 206.973.5344

Bridle Trails ParkCity of Bellevue



SET TYPE:
PERMIT SET

SET ISSUE DATE: **04.05.2022**

REVISIONS:

PERMIT RESUBMITTAL 08.03.2022

DRAWN/CHECKED: KES/LJP SHEET NAME: COVER

SHEET NUMBER:

C0.0-UE

1 <u>rai</u> rid **Bri** City



PERMIT SET

04.05.2022

REVISIONS:

PERMIT RESUBMITTAL 08.03.2022

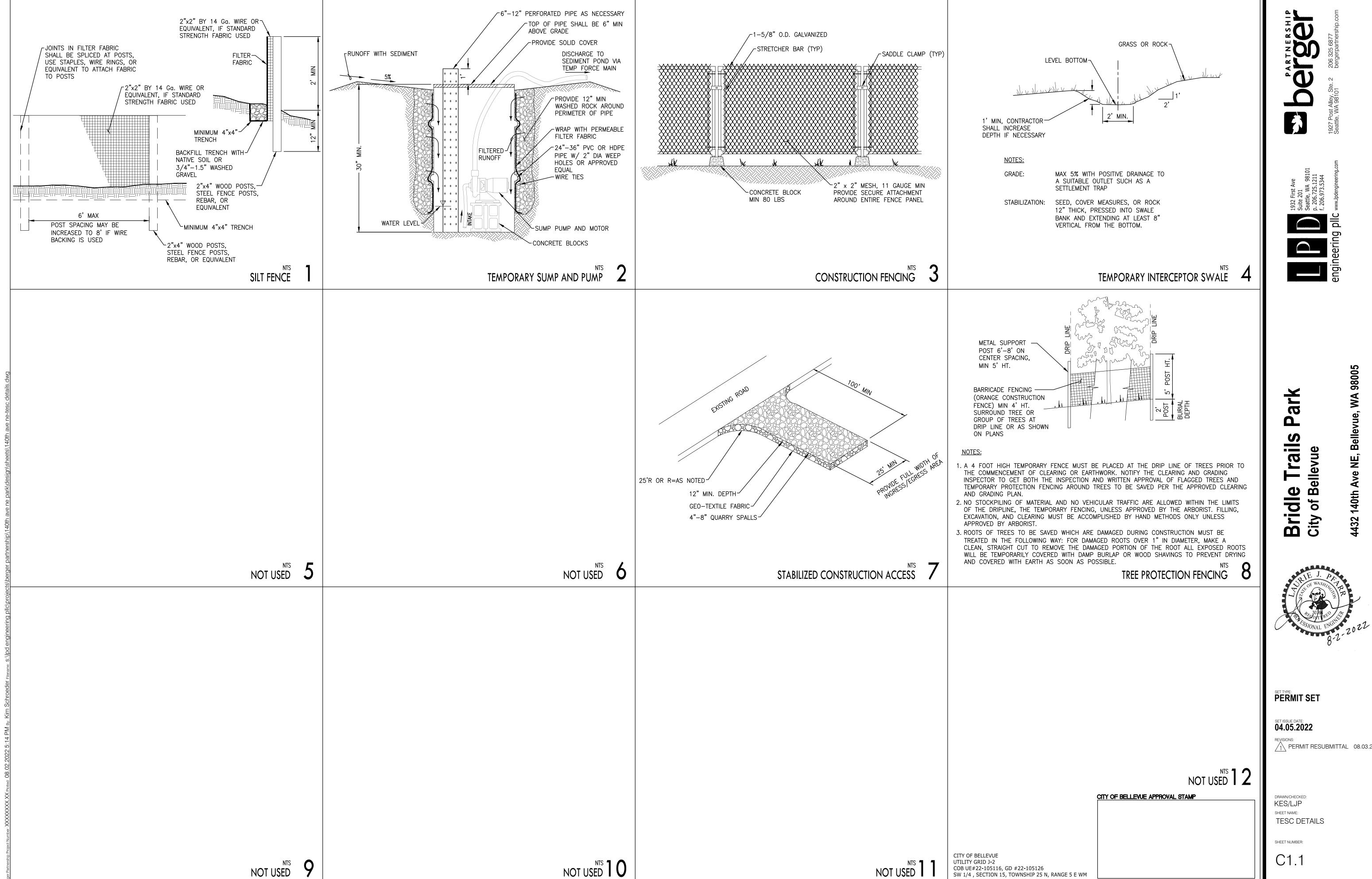
DRAWN/CHECKED KES/LJP SHEET NAME: TESC AND SITE DEMOLITION PLAN SHEET NUMBER:

© THE BERGER PARTNERSHIP PS, 2018

UTILITY GRID J-2

COB UE#22-105116, GD #22-105126

SW 1/4 , SECTION 15, TOWNSHIP 25 N, RANGE 5 E WM



 \uparrow PERMIT RESUBMITTAL 08.03.2022

- 1. EXISTING CONDITIONS:
- A. CONTACT ALL NECESSARY UTILITY PURVEYORS TO COORDINATE UTILITY CUTOFFS AND REMOVALS. VERIFY THAT ALL APPROPRIATE SERVICES HAVE BEEN DISCONNECTED.
- B. CONFORM TO LOCAL GOVERNING REQUIREMENTS REGARDING NOISE CONTROL.
- C. MAINTAIN SAFE VEHICULAR AND PEDESTRIAN TRAFFIC ROUTES:
- 2. ENSURE MINIMUM INTERFERENCE WITH ROADS, STREETS, ALLEYS, SIDEWALKS, AND ADJACENT
- 3. DO NOT CLOSE OR OBSTRUCT STREETS, FIRE LANES, SIDEWALKS, ALLEYS OR PASSAGEWAYS WITHOUT PERMISSION FROM AUTHORITIES HAVING JURISDICTION.
- 4. IF REQUIRED BY GOVERNING AUTHORITIES, PROVIDE ALTERNATE ROUTES AROUND CLOSED OR OBSTRUCTED TRAFFIC WAYS.
- A. VERIFY LOCATION AND ELEVATION OF EXISTING UTILITIES AT POINTS OF CONNECTION PRIOR TO COMMENCING WORK ON NEW UTILITY THAT IS TO BE CONNECTED TO THE EXISTING UTILITY. COORDINATE WITH OWNER'S REPRESENTATIVE IF ACTUAL CONDITIONS ARE AT VARIANCE WITH PLANS.
- B. VERIFY LOCATION AND ELEVATION OF EXISTING UTILITIES SUFFICIENTLY IN ADVANCE OF CONSTRUCTION TO ALLOW FOR COORDINATION AND MITIGATION OF CONFLICTS WITHOUT DOWN
- 5. DIMENSIONS AND LAYOUTS:
- A. THE CONTRACTOR IS RESPONSIBLE FOR PRESERVING ALL BENCHMARKS AND STAKES AND IS REQUIRED TO REPLACE ANY STAKES OR BENCHMARKS THAT ARE DISPLACED OR MISSING. B. THE CONTRACTOR IS RESPONSIBLE FOR REVIEW OF ALL UTILITY PURVEYOR AND CITY RECORDS RELATIVE TO THE EXISTING UNDERGROUND UTILITIES. THE CONTRACTOR IS RESPONSIBLE FOR AVOIDING DAMAGE TO THESE FACILITIES AND SHALL RESTORE ALL UTILITIES AT CONTRACTOR'S OWN EXPENSE. THE CONTRACTOR IS TO NOTIFY THE OWNER'S REPRESENTATIVE IMMEDIATELY IF UNDERGROUND UTILITIES NOT SHOWN ON RECORD DOCUMENTS ARE ENCOUNTERED.
- C. THE CONTRACTOR WILL BE RESPONSIBLE FOR FURNISHING, SETTING AND MARKING ALL LINE LOCATION STAKES. A QUALIFIED LAYOUT ENGINEER, SURVEYOR, OR TECHNICAL SPECIALIST MUST BE ASSIGNED TO THE CONTRACTOR'S CREW FOR THIS WORK AND SHALL BE ON SITE AT ALL TIMES WHEN WORK REQUIRING CONTROL IS BEING PERFORMED, TOGETHER WITH ALL NECESSARY EQUIPMENT. SUPPLIES AND INSTRUMENTS RELATED THERETO. THIS EQUIPMENT AND PERSONNEL MUST BE AVAILABLE, AT NO ADDITIONAL COST TO THE OWNER OR OWNER'S REPRESENTATIVE, FOR THE PURPOSE OF VERIFYING LAYOUT AND CERTIFYING THE ACCURACY OF WORK ON THE SITE.
- 6. REGULATORY REQUIREMENTS:
- A. COMPLY WITH ALL APPLICABLE FEDERAL, STATE AND LOCAL CODES AND SAFETY REGULATIONS. IF THERE ARE ANY CONFLICTS AMONG REFERENCED STANDARDS, THE MORE STRINGENT REQUIREMENTS SHALL GOVERN. B. OBTAIN ALL NECESSARY PERMITS.
- 7. SAFETY SYSTEMS:
- A. PROTECT ALL EXCAVATION IN EXCESS OF FOUR-FEET IN DEPTH WITH A SAFETY SYSTEM CONFORMING TO THE REFERENCED REQUIREMENTS.
- B. THE CONTRACTOR'S EXCAVATION SAFETY SYSTEM SHALL BE DESIGNED BY A QUALIFIED PERSON AND MEET THE REFERENCED REQUIREMENTS.
- C. ALL EXCAVATION NOT REQUIRING TRENCH SAFETY SYSTEMS SHALL ALSO MEET THE WISHA SAFETY STANDARDS AND CITY OF BELLEVUE REQUIREMENTS.
- 8. EXCAVATION:
- A. MATERIALS NOT DESIGNATED FOR SALVAGE SHALL BE BROKEN UP, LOADED, AND LEGALLY DISPOSED OF BY THE CONTRACTOR. CARE SHALL BE TAKEN REMÓVING ITEMS TO ENSURE THAT DAMAGE DOES NOT OCCUR TO THE EXISTING TREES AND IMPROVEMENTS WHICH ARE TO REMAIN IN PLACE. ALL REMOVALS SHALL BE ACCOMPLISHED BY MAKING A NEAT VERTICAL SAWCUT AT THE LIMITS OF REMOVAL. ALL CONCRETE WALK REMOVALS SHALL BE SAWCUT AT THE NEXT ADJACENT JOINT. ADJACENT MATERIALS DESIGNATED TO REMAIN THAT ARE DAMAGED BY THE CONTRACTOR DURING THE WORK SHALL BE REPLACED AT NO ADDITIONAL COST TO THE OWNER.
- B. SPRINKLE EXCAVATED MATERIAL AND ACCESS ROADS AS NECESSARY TO LIMIT DUST TO THE LOWEST PRACTICABLE LEVEL. DO NOT USE WATER TO SUCH AN EXTENT AS TO CAUSE FLOODING, CONTAMINATED RUNOFF, OR ICING.
- THE EVENT THE CONTRACTOR ENCOUNTERS UTILITY LINES NOT SHOWN ON THE SITE PLAN OR OTHERWISE INDICATED TO BE SAVED, REMOVED, OR ABANDONED, THE LOCATION OF SUCH LINES SHALL BE MARKED IN THE FIELD AND THE OWNER'S REPRESENTATIVE NOTIFIED.
- 9. FILL MATERIALS:
- A. ALL MATERIAL WHICH IS PROPOSED TO BE USED AS FILL, BEDDING OR BACKFILL SHALL BE GRADED AND TESTED FOR MOISTURE CONTENT AND COMPACTABILITY. GRADATION AND TEST RESULTS SHALL BE SUBMITTED FOR REVIEW AND ACCEPTANCE BY THE OWNER'S REPRESENTATIVE PRIOR TO PLACEMENT OF FILL. SEE SPECIFICATIONS FOR INFORMATION AND RESTRICTIONS ON THE USE OF RECYCLED MATERIAL AS FILL.
- B. MATERIAL USED IN FILLING SHALL BE APPROPRIATE TO THE SITE AND THE INTENDED USE OF THAT PORTION OF THE SITE.
- C. TOPSOIL SHALL NOT BE USED AS A FILL MATERIAL
- D. NO FROZEN OR THAWING MATERIAL SHALL BE USED IN A FILL. E. COMMON FILL MATERIAL SHALL CONSIST OF ON-SITE EXCAVATED SOILS FREE OF ORGANIC AND DELETERIOUS MATERIAL AND OF SUCH SIZE AND GRADATION THAT THE SPECIFIED COMPACTION CAN BE READILY ATTAINED. THE MOISTURE OF COMMON FILL MATERIAL AT THE TIME OF PLACEMENT SHALL BE WITHIN A RANGE OF ONE PERCENT ABOVE TO TWO PERCENT BELOW THE OPTIMUM MOISTURE CONTENT FOR COMPACTION.
- GRAVEL BORROW: PER SECTION 9-03.14(1) OF WSDOT. G. STRUCTURAL FILL SHALL BE NON-ORGANIC SOIL, ACCEPTABLE TO THE OWNER'S REPRESENTATIVE, PLACED IN MAXIMUM 8-INCH LOOSE LIFTS, WITH EACH LIFT BEING COMPACTED TO AT LEAST 95% OF THE MODIFIED PROCTOR MAXIMUM DENSITY USING ASTM:D 1557. STRUCTURAL FILL SHALL BE PLACED AND COMPACTED WITHIN 2% OF THE OPTIMUM MOISTURE CONTENT.

10. COMPACTION:

REQUIRED COMPACTION: COMPACT FILLS AND BACKFILLS TO THE FOLLOWING MINIMUM RELATIVE COMPACTION (PERCENTAGE OF MAXIMUM DRY DENSITY DETERMINED IN ACCORDANCE WITH ASTM D1557).

<u>LOCATIONS</u>	REQUIRED MINIMUM RELATIVE
	COMPACTION
UTILITY TRENCHES:	95%
UNDER WALKS AND PAVING:	95%
AGAINST WALLS:	90%
PLANTING AND LANDSCAPE AREAS:	85%
OTHER:	95%

GENERAL NOTES

- 11. FIELD QUALITY CONTROL:
- A. THE OWNER'S TESTING AGENCY SHALL PERFORM TESTING. THE OWNER'S TESTING IS ONLY TO VERIFY CONFORMANCE WITH THE PROJECT PLANS. THE CONTRACTOR IS RESPONSIBLE FOR CONFIRMING THAT THE WORK MEETS THE REQUIREMENTS OF THE SPECIFICATIONS AND THE CITY OF BELLEVUE.

CONSTRUCTION SEQUENCE

- BEFORE ANY CONSTRUCTION OR DEVELOPMENT ACTIVITY. A PRE-CONSTRUCTION MEETING MUST BE HELD BETWEEN THE CITY OF BELLEVUE, THE APPLICANT, AND THE APPLICANT'S CONSTRUCTION REPRESENTATIVE.
- VERIFY VERTICAL AND HORIZONTAL LOCATIONS OF ALL EXISTING UNDERGROUND UTILITIES. CONTACT ALL UTILITY COMPANIES THAT MAY BE AFFECTED BY THE PROPOSED CONSTRUCTION. THE ONE CALL CALL NUMBER IS 1-800-424-5555.
- MAINTAIN & PROTECT EXISTING UTILITY SERVICES TO REMAIN, AS INDICATED ON THE PLANS, DURING CONSTRUCTION.
- 4. VERIFY GRADES PRIOR TO CONSTRUCTION. FLAG CLEARING LIMITS.
- UTILIZE EXISTING PAVEMENT WHERE POSSIBLE FOR CONSTRUCTION ACCESS AND STAGING. INSTALL STABILIZED CONSTRUCTION ENTRANCES, SITE ACCESS ROUTES, CONSTRUCTION PADS AND LAYDOWN AREA AS NECESSARY TO STABILIZE SITE.
- INSTALL REINFORCED SILT FENCE. TREE PROTECTION FENCE. COMPOST FILTER SOCKS AND OTHER TESC MEASURES AS INDICATED ON PLAN AND AS NECESSARY TO PREVENT EROSION AND STABILIZE SITE.
- INSTALL DISCHARGE PIPES. PLUG CATCH BASINS (CB) AS NECESSARY. INSTALL CATCH BASIN INSERTS ON ALL EXISTING CB THAT COULD BE IMPACTED BY THE PROJECT.
- REMOVE ASPHALT, GRAVEL, ROCKERY AND UTILITIES AS NOTED ON THE PLANS.
- CLEAR & GRUB AREAS OF THE SITE TO BE ROUGH GRADED OR FILLED.
- 10. REMOVE UNSUITABLE BEARING MATERIAL AS IN DICTATED ON THE PLAN AND AS REQUIRED.
- 11. GRADE AND PLACE ACCEPTABLE FILL. AS SITEWORK PROGRESSES, MAINTAIN AND ADJUST AS NECESSARY.
- 12. INSTALL NEW STORM DRAINAGE SYSTEM AND CATCH BASIN INSERTS.
- 13. INSTALL UNDERGROUND UTILITIES.
- 14. CONSTRUCT PROPOSED SITE IMPROVEMENTS.
- 15. INSTALL AMENDED SOILS ON ALL DISTURBED SOILS NOT COVERED BY HARD SURFACE IN ACCORDANCE WITH THE CITY OF BELLEVUE BMP T5.13.
- 16. COMPLETE FINE GRADING AND FINAL STABILIZATION MEASURES INCLUDING LANDSCAPE INSTALLATION.
- 17. REMOVE EXCESS EXCAVATED MATERIALS, TRASH DEBRIS, AND WASTE MATERIALS. DISPOSE OF IN AN AUTHORIZED LOCATION.
- 18. CLEAN STORM DRAINAGE SYSTEM OF ALL SEDIMENT AND DEBRIS.
- 19. MAINTAIN TEMPORARY EROSION CONTROL FACILITIES UNTIL SITE IS COMPLETELY STABILIZED.

CONSTRUCTION SEQUENCE NOTES

CONSTRUCTION NOISE NOTES

- CONSTRUCTION NOISE OUTSIDE THE ALLOWABLE HOURS IS PROHIBITED PER BCC 9.18.040. TO BE CONSIDERED A VIOLATION UNLESS UNLESS EXPANDED HOURS OF OPERATION ARE AUTHORIZED BY THE APPLICABLE DEPARTMENT DIRECTOR. THE CONSTRUCTION-RELATED NOISE MUST BE AUDIBLE ACROSS A PROPERTY LINE OR AT LEAST 75 FEET FROM THE SOURCE, ANY VIOLATION IS A CIVIL INFRACTION AND THE CITY MAY ASSESS A MONETARY PENALTY TO THE INDIVIDUAL CREATING THE NOISE. THE PENALTIES ARE:
- A. A WARNING WILL BE ISSUED IF NO CONSTRUCTION NOISE VIOLATION HAS BEEN COMMITTED BY THE SAME PERSON WITHIN THE PREVIOUS TWO YEARS AT ANY LOCATION WITHIN THE CITY.
- B. A CITATION WILL BE ISSUED AND A \$125 FINE IMPOSED IF ONE PREVIOUS VIOLATION HAS BEEN COMMITTED BY THE SAME PERSON WITHIN THE PREVIOUS TWO YEARS AT ANY LOCATION WITHIN THE CITY.
- C. A CITATION WILL BE ISSUED AND A \$250 FINE IMPOSED IF TWO OR MORE PREVIOUS VIOLATION HAVE BEEN COMMITTED BY THE SAME PERSON WITHIN THE PREVIOUS TWO YEARS AT ANY LOCATION WITHIN THE CITY.
- FOR ALL COMMERCIAL, MULTI-FAMILY, AND NEW SINGLE-FAMILY HOMES, CONSTRUCTION-RELATED NOISE IS ALLOWED 7 AM TO 6 PM ON WEEKDAYS AND 9 AM TO 6 PM ON SATURDAYS. NO DELIVERIES SHALL BE SCHEDULED PRIOR TO 7:00 AM OR AFTER 6:00 PM.
- CONSTRUCTION-RELATED NOISE IS NOT ALLOWED OUTSIDE OF ALLOWABLE HOURS, LEGAL HOLIDAYS, OR SUNDAYS.
- EXCEPTIONS FOR CONSTRUCTION RELATED NOISE LIMITATIONS CONTAINED IN THE NOISE CONTROL CODE MAY BE GRANTED PURSUANT TO BMC 9.18.020C.1 WHEN NECESSARY TO ACCOMMODATE CONSTRUCTION ON SCHOOLS WHICH CANNOT BE UNDERTAKEN DURING EXEMPT HOURS. NO BLANKET EXEMPTION EXISTS.
- ALLOWANCES FOR SHORT TERM WORK OUTSIDE OF NORMAL HOURS FOR CONSTRUCTION RELATED NOISE SHALL BE LIMITED AND WILL BE REVIEWED ON A CASE BY CASE BASIS TO VERIFY NECESSITY AND ENSURE APPROPRIATE NOISE MITIGATION IS UTILIZED TO PROTECT SURROUNDING USES AND PROPERTIES.
- 6. IF EXPANDED HOURS ARE NECESSARY TO ACCOMMODATE A SPECIFIC COMPONENT OF THE SCHOOL CONSTRUCTION, THE DISTRICT MUST APPLY FOR A SEPARATE NOISE PERMIT FOR REVIEW AND APPROVAL BY STAFF. IN THIS TIME PERIOD, THE SITE SHALL BE POSTED ON ALL STREET FRONTAGES PRIOR TO THE START OF CONSTRUCTION ACTIVITY.

CONSTRUCTION NOISE NOTES 10

CITY OF BELLEVUE CLEARING AND GRADING STANDARD NOTES

- ALL CLEARING & GRADING CONSTRUCTION MUST BE IN ACCORDANCE WITH CITY OF BELLEVUE (COB) CLEARING & GRADING CODE, CLEARING & GRADING DEVELOPMENT STANDARDS, LAND USE CODE, UNIFORM BUILDING CODE, PERMIT CONDITIONS, AND ALL OTHER APPLICABLE CODES, ORDINANCES, AND STANDARDS. THE DESIGN ELEMENTS WITHIN THESE PLANS HAVE BEEN REVIEWED ACCORDING TO THESE REQUIREMENTS. ANY VARIANCE FROM ADOPTED EROSION CONTROL STANDARDS IS NOT ALLOWED UNLESS SPECIFICALLY APPROVED BY THE CITY OF BELLEVUE DEVELOPMENT SERVICES (DSD) PRIOR TO CONSTRUCTION. IT SHALL BE THE SOLE RESPONSIBILITY OF THE APPLICANT AND THE PROFESSIONAL CIVIL ENGINEER TO CORRECT ANY ERROR, OMISSION, OR VARIATION FROM THE ABOVE REQUIREMENTS FOUND IN THESE PLANS. ALL CORRECTIONS SHALL BE AT NO ADDITIONAL COST OR LIABILITY TO THE COB.
- APPROVAL OF THIS EROSION/SEDIMENTATION CONTROL (ESC) PLAN DOES NOT CONSTITUTE AN APPROVAL OF PERMANENT ROAD OR DRAINAGE DESIGN (E.G. SIZE AND LOCATION OF ROADS, PIPES, RESTRICTORS, CHANNELS, RETENTION FACILITIES, UTILITIES, ETC.).
- A COPY OF THE APPROVED PLANS AND DRAWINGS MUST BE ON-SITE DURING CONSTRUCTION. THE APPLICANT IS RESPONSIBLE FOR OBTAINING ANY OTHER REQUIRED OR RELATED PERMITS PRIOR TO BEGINNING OF CONSTRUCTION.
- 4. THE IMPLEMENTATION OF THESE ESC PLANS AND THE CONSTRUCTION, MAINTENANCE, REPLACEMENT, AND UPGRADING OF THESE ESC FACILITIES IS THE RESPONSIBILITY OF THE APPLICANT/CONTRACTOR UNTIL ALL CONSTRUCTION IS COMPLETED AND APPROVED AND VEGETATION/LANDSCAPING IS ESTABLISHED.
- THE ESC FACILITIES SHOWN ON THIS PLAN MUST BE CONSTRUCTED IN CONJUNCTION WITH ALL CLEARING AND GRADING ACTIVITIES. AND IN SUCH A MANNER AS TO ENSURE THAT SEDIMENT AND SEDIMENT LADEN WATER DO NOT ENTER THE DRAINAGE SYSTEM, ROADWAYS, OR VIOLATE APPLICABLE WATER STANDARDS.
- THE ESC FACILITIES SHOWN ON THIS PLAN ARE THE MINIMUM REQUIREMENTS FOR ANTICIPATED SITE CONDITIONS. DURING THE CONSTRUCTION PERIOD. THESE ESC FACILITIES SHALL BE UPGRADED AS NEEDED FOR UNEXPECTED STORM EVENTS AND TO ENSURE THAT SEDIMENT AND SEDIMENT-LADEN WATER DO NOT LEAVE THE SITE.
- ALL LOCATIONS OF EXISTING UTILITIES HAVE BEEN ESTABLISHED BY FIELD SURVEY OR OBTAINED FROM AVAILABLE RECORDS AND SHOULD, THEREFORE, BE CONSIDERED ONLY APPROXIMATE AND NOT NECESSARILY COMPLETE. IT IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR TO INDEPENDENTLY VERIFY THE ACCURACY OF ALL UTILITY LOCATIONS AND TO DISCOVER AND AVOID ANY OTHER UTILITIES NOT SHOWN WHICH MAY BE AFFECTED BY THE IMPLEMENTATION OF THIS PLAN.
- THE BOUNDARIES OF THE CLEARING LIMITS SHOWN ON THIS PLAN SHALL BE CLEARLY FLAGGED IN THE FIELD PRIOR TO CONSTRUCTION. DURING THE CONSTRUCTION PERIOD, NO DISTURBANCE BEYOND THE FLAGGED CLEARING LIMITS SHALL BE PERMITTED. THE FLAGGING SHALL BE MAINTAINED BY THE APPLICANT/CONTRACTOR FOR THE DURATION OF CONSTRUCTION.
- CLEARING SHALL BE LIMITED TO THE AREAS WITHIN THE APPROVED DISTURBANCE LIMITS. EXPOSED SOILS MUST BE COVERED AT THE END OF EACH WORKING DAY WHEN WORKING FROM OCTOBER 1ST THROUGH APRIL 30TH. FROM MAY 1ST THROUGH SEPTEMBER 30TH, EXPOSED SOILS MUST BE COVERED AT THE END OF EACH CONSTRUCTION WEEK AND AT THE THREAT OF RAIN.
- 10. AT NO TIME SHALL MORE THAN ONE FOOT OF SEDIMENT BE ALLOWED TO ACCUMULATE WITHIN A TRAPPED CATCH BASIN. ALL CATCH BASINS AND CONVEYANCE LINES SHALL BE CLEANED PRIOR TO PAVING. THE CLEANING OPERATION SHALL NOT FLUSH SEDIMENT LADEN WATER INTO THE DOWNSTREAM SYSTEM.
- 11. STABILIZED CONSTRUCTION ENTRANCES SHALL BE INSTALLED AT THE BEGINNING OF CONSTRUCTION AND MAINTAINED FOR THE DURATION OF THE PROJECT.
- 12. THE CONTRACTOR MUST MAINTAIN A SWEEPER ON SITE DURING EARTHWORK AND IMMEDIATELY REMOVE SOIL THAT HAS BEEN TRACKED ONTO PAVED AREAS AS RESULT OF CONSTRUCTION.
- 13. THE ESC FACILITIES SHALL BE INSPECTED DAILY BY THE APPLICANT/CONTRACTOR AND MAINTAINED AS NECESSARY TO ENSURE THEIR CONTINUED FUNCTIONING.
- 14. ANY EXCAVATED MATERIAL REMOVED FROM THE CONSTRUCTION SITE AND DEPOSITED ON PROPERTY WITHIN THE CITY LIMITS MUST BE DONE IN COMPLIANCE WITH A VALID CLEARING & GRADING PERMIT. LOCATIONS FOR THE MOBILIZATION AREA AND STOCKPILED MATERIAL MUST BE APPROVED BY THE CLEARING AND GRADING INSPECTOR AT LEAST 24 HOURS IN ADVANCE OF ANY STOCKPILING.
- 15. THE ESC FACILITIES ON INACTIVE SITES SHALL BE INSPECTED AND MAINTAINED A MINIMUM OF ONCE A MONTH OR WITHIN THE 48 HOURS FOLLOWING A MAJOR STORM EVENT.
- 16. FINAL SITE GRADING MUST DIRECT DRAINAGE AWAY FROM ALL BUILDING STRUCTURES AT A MINIMUM 5% SLOPE, PER THE INTERNATIONAL RESIDENTIAL CODE (IRC) R401.3.
- 17. INSTALL AMENDED SOILS ON ALL DISTURBED SOILS NOT COVERED BY HARD SURFACE IN ACCORDANCE WITH THE CITY OF BELLEVUE BMP T5.13.

MOBILIZATION/STOCKPILE AREA NOTES

ANY EXCAVATED MATERIAL REMOVED FROM THE CONSTRUCTION SITE AND DEPOSITED ON PROPERTY WITHIN THE CITY LIMITS MUST BE DONE IN COMPLIANCE WITH A VALID CLEARING & GRADING PERMIT. LOCATIONS FOR THE MOBILIZATION AREA AND STOCKPILED MATERIAL MUST BE APPROVED BY THE CITY INSPECTOR AT LEAST 24 HOURS IN ADVANCE OF ANY DUMPING.

STREET SWEEPING NOTES

CONTRACTOR SHALL IMMEDIATELY SWEEP THE PAVED CITY RIGHT-OF-WAY WHEN DIRT OR OTHER CONSTRUCTION RELATED DEBRIS IS DEPOSITED.

DUST SUPPRESSION

- DUST FROM CLEARING, GRADING, AND OTHER CONSTRUCTION ACTIVITIES SHALL BE MINIMIZED AT ALL TIMES.
- IMPERVIOUS SURFACES ON OR NEAR THE CONSTRUCTION AREA SHALL BE SWEPT, VACUUMED. OR OTHERWISE MAINTAINED TO SUPPRESS DUST ENTRAINMENT.
- ANY DUST SUPPRESSANTS USED SHALL BE APPROVED BY THE DIRECTOR. PETROCHEMICAL DUST SUPPRESSANTS ARE PROHIBITED. WATERING THE SITE TO SUPPRESS DUST IS ALSO PROHIBITED UNLESS IT CAN BE DONE IN A WAY THAT KEEPS SEDIMENT OUT OF THE PUBLIC DRAINAGE SYSTEM.

DESIGN CHANGES AFTER PERMIT ISSUANCE

1. IF UTILITIES DESIGN CHANGES RESULT IN CHANGES TO THE CLEARING LIMITS SHOWN ON THESE PLANS, THE APPLICANT MUST SUBMIT A REVISION TO THE CLEARING AND GRADING PERMIT THAT INDICATES THE LOCATION OF THE NEW CLEARING LIMITS

CONSTRUCTION PARKING

1. ALL CONSTRUCTION PARKING SHALL BE ACCOMMODATED ON-SITE. NO STREET PARKING WILL BE ALLOWED. CONTRACTOR IS RESPONSIBLE FOR OBTAINING ADDITIONAL OFF-SITE PARKING IF NECESSARY TO ACCOMMODATE CONSTRUCTION WORKERS.

OTHER NOTES

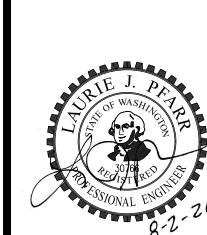
BIORETENTION PROTECTION NOTES

CONTRACTOR TO STAKE LIMIT OF BIORETENTION AREAS AT THE START OF CONSTRUCTION. UTILIZE SILT FENCE OR OTHER MEASURES TO PROTECT FROM CONSTRUCTION EQUIPMENT AND FOOT TRAFFIC.

- 2. DO NOT EXCAVATE BIORETENTION AREAS TO SUB-GRADE UNTIL JUST PRIOR TO INSTALLATION OF BIORETENTION SOIL AND PLANTING. GEOTECHNICAL ENGINEER TO REVIEW BIORETENTION SUBGRADE PRIOR TO INSTALLATION OF SOIL AND PLANTING.
- DO NOT ALLOW CONSTRUCTION STORMWATER RUNOFF TO ENTER EXCAVATED BIORETENTION AREAS. RESTORE THE BMP TO ITS FULLY FUNCTIONING CONDITION IF THEY ACCUMULATE SEDIMENT TDRUING CONSTRUCTION. RESTORING THE BMP MUST INCLUDE REMOVAL OF SEDIMENT AND ANY SEDIMENT-LADEN BIORETENTION SOILS AND REPLACING THE REMOVED SOILS WITH SOILS MEETING THE DESIGN SPECIFICATIONS.
- KEEP ALL HEAVY EQUIPMENT OFF EXISTING SOILS UNDER BIORETENTION FACILITIES THAT HAVE BEEN EXCAVATED TO FINAL GRADE TO RETAIN THE INFILTRATION RATE OF THE SOILS.

BIORETENTION PROTECTION NOTES

CITY OF BELLEVUE APPROVAL STAMP



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\ PERMIT RESUBMITTAL 08.03.2022

KES/LJP SHEET NAME:

SHEET NUMBER:

CITY OF BELLEVUE CLEARING AND GRADING STANDARD NOTES

CITY OF BELLEVUE UTILITY GRID J-2 COB UE#22-105116, GD #22-105126 SW 1/4, SECTION 15, TOWNSHIP 25 N, RANGE 5 E WM

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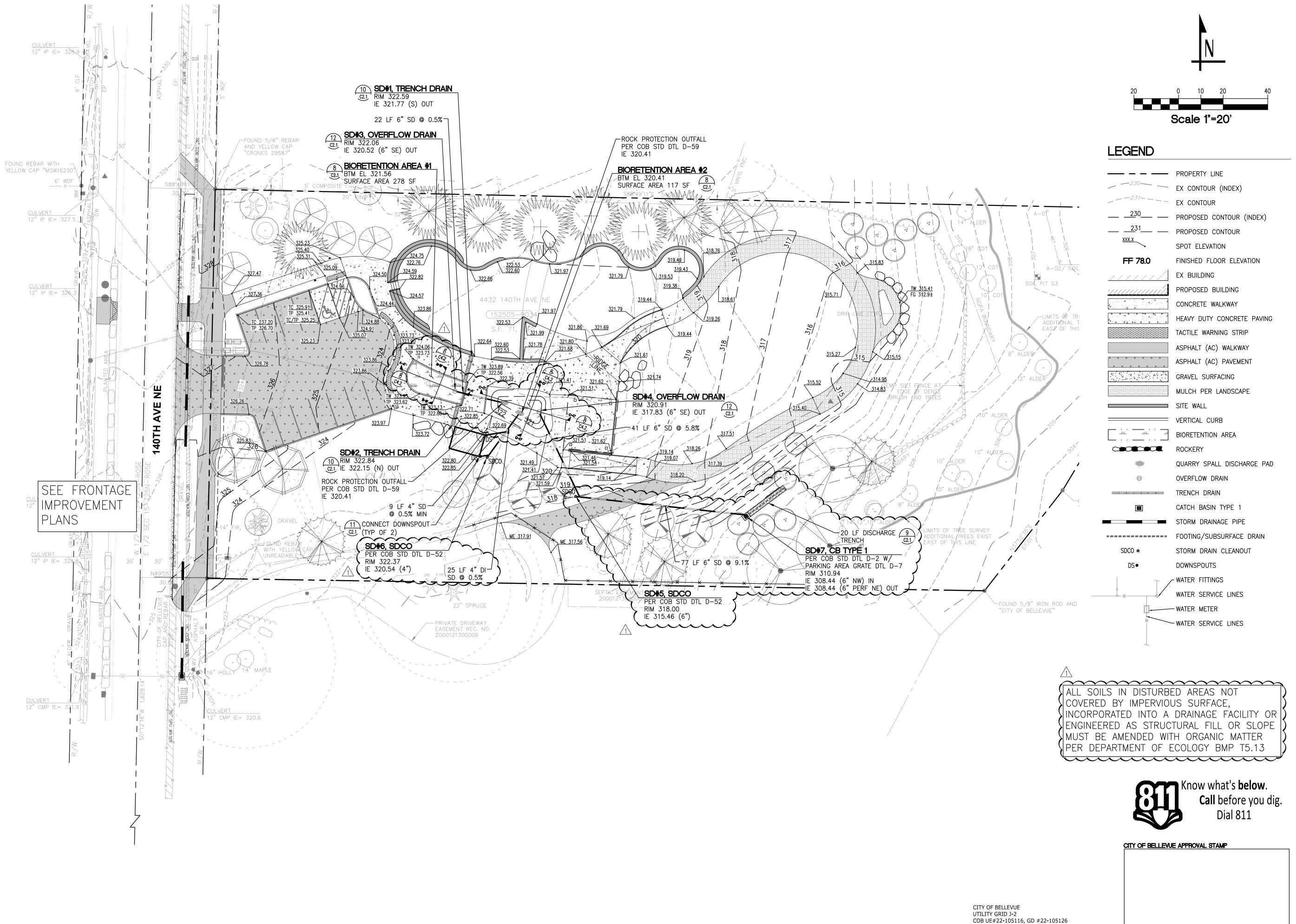
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04.05.2022

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NOT USED



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PERMIT SET

04.05.2022

REVISIONS:

PERMIT RESUBMITTAL 08.03.2022

KES/LJP SHEET NAME: GRADING AND DRAINAGE PLAN SHEET NUMBER:

SW 1/4 , SECTION 15, TOWNSHIP 25 N, RANGE 5 E WM

- 1. ALL WORK SHALL CONFORM TO THE 2022 EDITION OF THE CITY OF BELLEVUE UTILITIES
- DEPARTMENT ENGINEERING STANDARDS AND THE DEVELOPER EXTENSION AGREEMENT. 2. STORM PIPE SHALL BE PVC CONFORMING TO ASTM D-3034 SDR 35 (4"H - 15"H) OR ASTM F-679 (18"H-27"H). BEDDING AND BACKFILL SHALL BE AS SHOWN IN THE STANDARD
- 3. THE LOCATIONS OF ALL EXISTING UTILITIES SHOWN HEREON HAVE BEEN ESTABLISHED BY FIELD SURVEY OR OBTAINED FROM AVAILABLE RECORDS AND SHOULD THEREFORE BE CONSIDERED APPROXIMATE ONLY AND NOT NECESSARILY COMPLETE. IT IS THE SOLE RESPONSIBILITY OF THE EXCAVATOR TO INDEPENDENTLY VERIFY THE ACCURACY OF ALL UTILITY LOCATIONS SHOWN, AND TO FURTHER DISCOVER AND AVOID ANY OTHER UTILITIES NOT SHOWN HEREON WHICH MAY BE AFFECTED BY THE IMPLEMENTATION OF THIS PLAN. IMMEDIATELY NOTIFY THE ENGINEER IF A CONFLICT EXISTS.
- 4. THE FOOTING DRAINAGE SYSTEM AND THE ROOF DOWNSPOUT SYSTEM SHALL NOT BE INTERCONNECTED AND SHALL SEPARATELY CONVEY COLLECTED FLOWS TO THE CONVEYANCE SYSTEM OR TO ON-SITE STORMWATER FACILITIES.
- 5. PROVIDE AND MAINTAIN TEMPORARY SEDIMENTATION COLLECTION FACILITIES TO ENSURE THAT SEDIMENT OR OTHER HAZARDOUS MATERIALS DO NOT ENTER THE STORM DRAINAGE SYSTEM IN ACCORDANCE WITH THE SITES APPROVED CSWPPP. FOR ALL CONSTRUCTION DURING THE RAINY SEASON, DOWNHILL BASINS AND INLETS MUST BE PROTECTED WITH CATCH BASIN INSERTS. SIMPLY PLACING FILTER FABRIC UNDER THE GRATE IS NOT ACCEPTABLE
- 6. PRIOR TO FINAL INSPECTION AND ACCEPTANCE OF STORM DRAINAGE WORK, PIPES AND STORM DRAIN STRUCTURES SHALL BE CLEANED AND FLUSHED. ANY OBSTRUCTIONS TO FLOW WITHIN THE STORM DRAIN SYSTEM, (SUCH AS RUBBLE, MORTAR AND WEDGED DEBRIS), SHALL BE REMOVED AT THE NEAREST STRUCTURE. WASH WATER OF ANY SORT SHALL NOT BE DISCHARGED TO THE STORM DRAIN SYSTEM OR SURFACE WATERS
- 7. ENDS OF EACH STORM DRAIN STUB AT THE PROPERTY LINE SHALL BE CAPPED AND LOCATED WITH AN 8' LONG 2" X 4" BOARD, EMBEDDED TO THE STUB CAP AND EXTENDING AT LEAST 3 FEET ABOVE GRADE, AND MARKED PERMANENTLY "STORM". A COPPER 12 GA. LOCATE WIRE FIRMLY ATTACHED. THE STUB DEPTH SHALL BE INDICATED ON THE MARKER.
- 8. ALL GRATES IN ROADWAYS SHALL BE DUCTILE IRON, BOLT-LOCKING, VANED GRATES PER THE STANDARD DETAILS. STRUCTURES IN TRAFFIC LANES OUTSIDE OF THE CURBLINE WHICH DO NOT COLLECT RUNOFF SHALL BE FITTED WITH ROUND, BOLT-LOCKING SOLID COVERS. OFF-STREET STRUCTURES WHICH DO NOT COLLECT RUNOFF SHALL BE FITTED WITH BOLT-LOCKING SOLID COVERS.
- 9. VEGETATION/LANDSCAPING IN THE DETENTION POND, BIORETENTION FACILITY, VEGETATED ROOF AND/OR DRAINAGE SWALE(S) ARE AN INTEGRAL PART OF THE RUNOFF TREATMENT SYSTEM FOR THE PROJECT. SUCH DRAINAGE FACILITIES WILL NOT BE ACCEPTED UNTIL PLANTINGS ARE ESTABLISHED.
- 10. ALL NEW MANHOLES SHALL HAVE A MINIMUM INSIDE DIAMETER OF 48"H AND SHALL CONFORM TO THE STANDARD DETAILS. ALL NEW CATCH BASINS SHALL CONFORM TO THE STANDARD DETAILS.
- 12. ALL TESTING AND CONNECTIONS TO EXISTING MAINS SHALL BE DONE IN THE PRESENCE OF A REPRESENTATIVE OF THE CITY OF BELLEVUE UTILITIES DEPARTMENT.
- 13. ALL TRENCHES SHALL BE COMPACTED, AND HOT MIX ASPHALT IN PLACE IN PAVED AREAS, PRIOR TO TESTING STORM LINES FOR ACCEPTANCE. 14. ALL PUBLIC STORM DRAINS SHALL BE AIR TESTED AND HAVE A VIDEO INSPECTION
- PERFORMED PRIOR TO ACCEPTANCE (SEE #23 BELOW). STORM MAIN CONSTRUCTED WITH FLEXIBLE PIPE SHALL BE DEFLECTION TESTED WITH A MANDREL PRIOR TO ACCEPTANCE.
- 15. STORM STUBS SHALL BE TESTED FOR ACCEPTANCE AT THE SAME TIME THE MAIN STORM IS
- 16. ALL MANHOLES/ CATCH BASINS IN UNPAVED AREAS SHALL INCLUDE A CONCRETE SEAL AROUND ADJUSTMENT RINGS PER STANDARD DETAILS.
- 17. ALL STORM MAIN EXTENSIONS WITHIN THE PUBLIC RIGHT-OF-WAY OR IN EASEMENTS MUST BE "STAKED" BY A SURVEYOR LICENSED IN WASHINGTON STATE FOR "LINE AND GRADE" AND CUT SHEETS PROVIDED TO THE ENGINEER, PRIOR TO STARTING CONSTRUCTION.
- 18. THE CONTRACTOR SHALL USE A VACUUM STREET SWEEPER TO REMOVE DUST AND DEBRIS FROM PAVEMENT AREAS AS DIRECTED BY THE ENGINEER. FLUSHING OF STREETS SHALL NOT BE PERMITTED WITHOUT PRIOR CITY APPROVAL.
- 19. STORM DRAINAGE MAINLINES, STUBS AND FITTINGS SHALL BE CONSTRUCTED USING THE SAME PIPE MATERIAL AND MANUFACTURER. CONNECTIONS BETWEEN STUBS AND THE MAINLINE WILL BE MADE WITH A TEE FITTING. TEE FITTING SHALL BE FROM SAME MANUFACTURER AS PIPE. CUT-IN CONNECTIONS ARE ONLY ALLOWED WHEN CONNECTING A NEW STUB TO AN
- 20. MANHOLES, CATCH BASINS AND VAULTS ARE CONSIDERED TO BE PERMIT-REQUIRED CONFINED SPACES. ENTRY INTO THESE SPACES SHALL BE IN ACCORDANCE WITH CHAPTER
- 21. PLACEMENT OF SURFACE APPURTENANCES (MH LIDS, VALVE LIDS, ETC) IN TIRE TRACKS OF TRAFFIC LANES SHALL BE AVOIDED WHENEVER POSSIBLE.
- 22. CALL 1-800-424-5555, OR 8-1-1, 72 HOURS BEFORE CONSTRUCTION FOR UTILITY
- 23. THE CONTRACTOR SHALL PERFORM A VIDEO INSPECTION AND PROVIDE A DVD OF THE STORM PIPE INTERIOR FOR THE CITY'FS REVIEW. THE VIDEO SHALL PROVIDE A MINIMUM OF 14 LINES PER MILLIMETER RESOLUTION AND COVER THE ENTIRE LENGTH OF THE APPLICABLE PIPE. THE CAMERA SHALL BE MOVED THROUGH THE PIPE AT A UNIFORM RATE (≤ 30 FT/MIN), STOPPING WHEN NECESSARY TO ENSURE PROPER DOCUMENTATION OF THE PIPE CONDITION. THE VIDEO SHALL BE TAKEN AFTER INSTALLATION AND CLEANING TO INSURE THAT NO DEFECTS EXIST. THE PROJECT WILL NOT BE ACCEPTED UNTIL ALL DEFECTS HAVE BEEN REPAIRED.

EXISTING

GRADE

→ 18" O.C. ↓

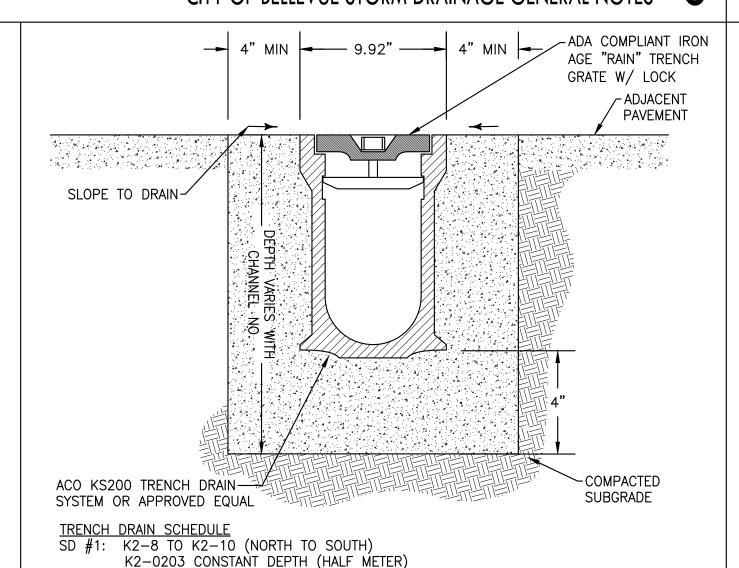
~2"x2" V-NOTCH

GRADE BOARD EDGE DETAIL

- 24. CLEARLY LABEL PUBLIC AND PRIVATE SYSTEMS ON THE PLANS. PRIVATE SYSTEMS SHALL BE MARKED "PRIVATE" AND SHALL BE MAINTAINED BY THE PROPERTY OWNER(S)
- 25. ALL CONCRETE STRUCTURES (VAULTS, CATCH BASINS, MANHOLES, OIL/WATER SEPARATORS, ETC.) SHALL BE VACUUM TESTED.
- 26. MANHOLES, CATCH BASINS AND INLETS IN EASEMENTS SHALL BE CONSTRUCTED TO PROVIDE A STABLE, LEVEL GRADE FOR A MINIMUM RADIUS OF 2.5 FEET AROUND THE CENTER OF THE ACCESS OPENING TO ACCOMMODATE CONFINED SPACE ENTRY EQUIPMENT.
- 27. TOPS OF MANHOLES/ CATCH BASINS WITHIN PUBLIC RIGHT-OF-WAY SHALL NOT BE ADJUSTED TO FINAL GRADE UNTIL AFTER PAVING.
- 28. CONTRACTOR SHALL ADJUST ALL MANHOLE/ CATCH BASIN RIMS TO FLUSH WITH FINAL FINISHED GRADES, UNLESS OTHERWISE SHOWN.
- 29. CONTRACTOR SHALL INSTALL, AT ALL CONNECTIONS TO EXISTING DOWNSTREAM MANHOLES/CATCH BASINS, SCREENS OR PLUGS TO PREVENT FOREIGN MATERIALS FROM ENTERING EXISTING STORM DRAINAGE SYSTEM. SCREENS OR PLUGS SHALL REMAIN IN PLACE THROUGHOUT THE DURATION OF THE CONSTRUCTION AND SHALL BE REMOVED ALONG WITH COLLECTED DEBRIS AT THE TIME OF FINAL INSPECTION AND IN THE PRESENCE OF A REPRESENTATIVE OF THE CITY OF BELLEVUE UTILITIES DEPARTMENT
- 30. SURFACE RESTORATION OF EXISTING ASPHALT PAVEMENT SHALL BE AS REQUIRED BY THE RIGHT-OFWAY USE PERMIT.
- 31. THE CONTRACTOR SHALL MAINTAIN A MINIMUM OF FIVE FEET (5') HORIZONTAL SEPARATION BETWEEN ALL WATER AND STORM DRAINAGE LINES. ANY CONFLICT SHALL BE REPORTED TO THE UTILITY AND THE DEVELOPER'S ENGINEER PRIOR TO CONSTRUCTION.
- 32. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO ENSURE THAT NO CONFLICTS EXIST BETWEEN STORM DRAINAGE LINES AND PROPOSED OR EXISTING UTILITIES PRIOR TO
- 33. BEFORE COMMENCEMENT OF TRENCHING, THE CONTRACTOR SHALL PROVIDE FILTER FABRIC FOR ALL DOWNHILL STORM DRAIN INLETS AND CATCH BASINS. WHICH WILL RECEIVE RUNOFF FROM THE PROJECT SITE. THE CONTRACTOR SHALL PERIODICALLY INSPECT THE CONDITION OF ALL FILTER FABRIC AND REPLACE AS NECESSARY.
- 34. MINIMUM COVER OVER STORM DRAINAGE PIPE SHALL BE 2 FEET, UNLESS OTHERWISE
- 35. AVOID CROSSING WATER OR SEWER MAINS AT HIGHLY ACUTE ANGLES. THE SMALLEST ANGLE MEASURE BETWEEN UTILITIES SHOULD BE 45 DEGREES.
- 36. AT POINTS WHERE EXISTING THRUST BLOCKING IS FOUND, MINIMUM CLEARANCE BETWEEN CONCRETE BLOCKING AND OTHER BURIED UTILITIES OR STRUCTURES SHALL BE 5 FEET.
- 37. WHEN WORK IS TO OCCUR IN EASEMENTS, THE CONTRACTOR SHALL NOTIFY THE EASEMENT GRANTOR AND BELLEVUE UTILITIES IN WRITING A MINIMUM OF 48 HOURS IN ADVANCE OF BEGINNING WORK (NOT INCLUDING WEEKENDS OR HOLIDAYS), FAILURE TO NOTIFY GRANTOR AND BELLEVUE UTILITIES WILL RESULT IN A STOP WORK ORDER BEING POSTED UNTIL THE MATTER IS RESOLVED TO THE SATISFACTION OF BELLEVUE UTILITIES. A WRITTEN RELEASE FROM THE EASEMENT GRANTOR SHALL BE FURNISHED TO THE UTILITIES INSPECTOR PRIOR TO PERMIT SIGN-OFF.
- 38. THE CONTRACTOR SHALL RESTORE THE RIGHT-OF-WAY AND EXISTING PUBLIC STORM DRAINAGE EASEMENT(S) AFTER CONSTRUCTION TO A CONDITION EQUAL OR BETTER THAN CONDITION PRIOR TO ENTRY. THE CONTRACTOR SHALL FURNISH A SIGNED RELEASE FROM ALL AFFECTED PROPERTY OWNERS AFTER RESTORATION HAS BEEN COMPLETED.
- 39. WHERE A NEW UTILITY LINE CROSSES BELOW AN EXISTING AC MAIN, THE AC PIPE SHALL BE REPLACED WITH DI PIPE TO 3 FEET PAST EACH SIDE OF THE TRENCH AS SHOWN ON STANDARD DETAIL W-8. ALTERNATIVELY, WHERE DIRECTED BY THE UTILITY, THE TRENCH SHALL BE BACKFILLED WITH CONTROLLED DENSITY FILL (CDF, AKA FLOWABLE FILL) FROM BOTTOM OF TRENCH TO BOTTOM OF AC MAIN.

MAINTAIN 2022 EDITION OF COB UTILITY ENGINEERING STANDARDS AND DETAILS ON SITE AT ALL TIMES

CITY OF BELLEVUE STORM DRAINAGE GENERAL NOTES •



- 1. THIS TRENCH SHALL BE CONSTRUCTED SO AS TO PREVENT POINT DISCHARGE AND/OR
- 2. TRENCHES MAY BE PLACED NO CLOSER THAN 50 FEET TO ONE ANOTHER.

CLEAN (< 5% FINES)

FILTER FABRIC-MIRAFI 140 N

4" OR 6" PERF.

PIPE LAID FLAT

3/4"-1 1/2" WASHED

- 3. TRENCH AND GRADE BOARD MUST BE LEVEL. ALIGN TO FOLLOW CONTOURS OF SITE.
- 4. GRADE BOARD SUPPORT POST SPACING AS REQUIRED BY SOIL CONDITIONS TO ENSURE GRADE BOARD REMAINS LEVEL.

DISCHARGE TRENCH

√2" X 12" PRESSURE

-4"x4" SUPPORT

TREATED GRADE

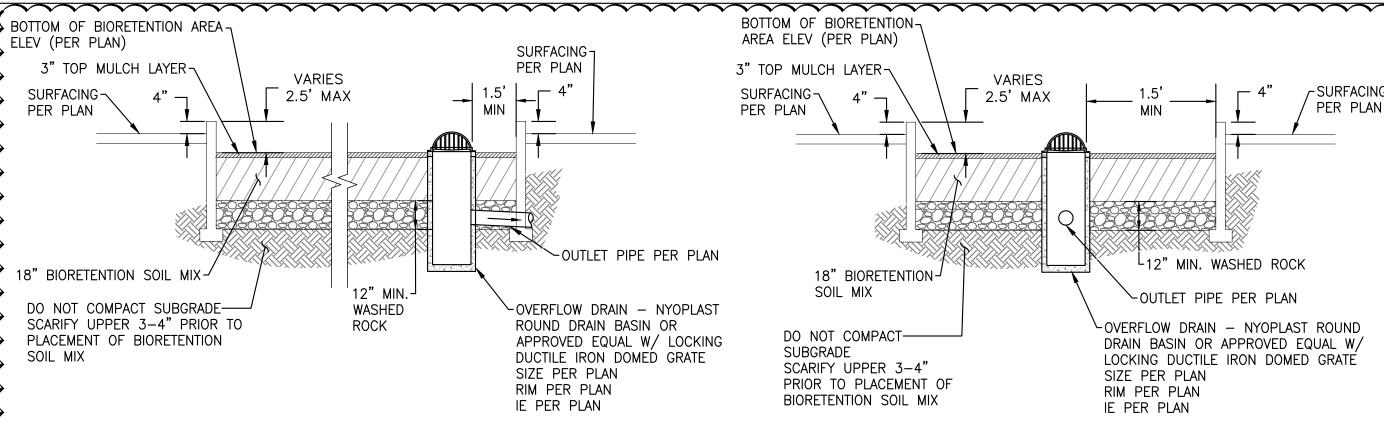
-GALV. BOLTS

BOARD

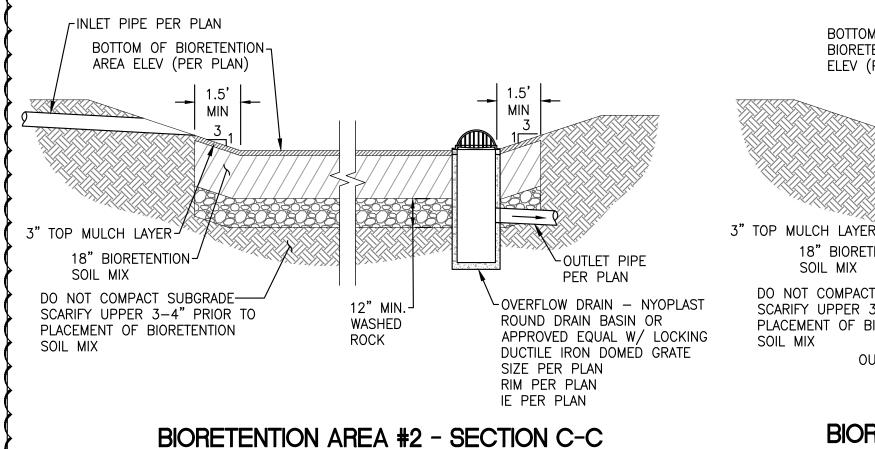
SD #2: K2-1 TO K2-3 (SOUTH TO NORTH) DIRECT DISCHARGE TO BIORETENTION TRENCH DRAIN NUMBERS LISTED ABOVE ARE PER ACO KS200 TRENCH DRAIN

DIRECT DISCHARGE TO BIORETENTION

TRENCH DRAIN 10



BIORETENTION AREA #1 - SECTION A-A



BIORETENTION AREA #2 - SECTION D-D

12" ROUND DRAIN BASIN-

HANCOR NYLOPLAST OR

APPROVED EQUAL

SW 1/4, SECTION 15, TOWNSHIP 25 N, RANGE 5 E WM

CITY OF BELLEVUE UTILITY GRID J-2

COB UE#22-105116, GD #22-105126

OUTLET PIPE PER PLAN-

18" BIORETENTION-

SOIL MIX

DO NOT COMPACT—

SCARIFY UPPER 3-4"

PRIOR TO PLACEMENT OF

BOTTOM OF ---

18" BIORETENTION-

DO NOT COMPACT SUBGRADE-

SCARIFY UPPER 3-4" PRIOR TO

PLACEMENT OF BIORETENTION

SOIL MIX

SOIL MIX

BIORETENTION AREA

MIN

ELEV (PER PLAN)

BIORETENTION SOIL MIX

SUBGRADE

CONSTRUCTION SEQUENCE FOR BIORETENTION AREA

- INSTALL TEMPORARY SEDIMENT CONTROL BMPS AS SHOWN ON PLAN COMPLETE SITE GRADING. IF APPLICABLE, CONSTRUCT CURB CUTS OR OTHER INFLOW ENTRANCE BUT PROVIDE PROTECTION SO THAT DRAINAGE IS PROHIBITED FROM ENTERING BIORETENTION CONSTRUCTION AREA.
- STABILIZE GRADING WITHIN THE LIMIT OF DISTURBANCE EXCEPT WITHIN THE BIORETENTION AREA. BIORETENTION AREAS THAT ARE USED AS TEMPORARY SEDIMENT TRAPS SHOULD BE EXCAVATED 6-INCHES BELOW THE BOTTOM OF THE SEDIMENT TRAP.
- EXCAVATE BIORETENTION AREA TO PROPOSED DEPTH AND SCARIFY THE TOP 12" OF EXISTING SOIL SURFACES AND COMPACT TO A FIRM, UNYIELDING CONDITION USING A NON-VIBRATORY SMOOTH DRUM. COMPACTION TO BE OBSERVED AND APPROVED BY GEOTECHNICAL ENGINEER BACKFILL BIORETENTION AREA WITH BIORETENTION SOIL MIX (SEE LOWER LEFT) AND WASHED
- ROCK AS SHOWN ON PLANS AND SPECIFICATIONS. OVERFILLING IS RECOMMENDED TO ACCOUNT FOR SETTLEMENT. LIGHT HAND TAMPING IS ACCEPTABLE IF NECESSARY. PRESOAK THE PLANTING SOIL PRIOR TO PLANTING VEGETATION TO AID IN SETTLEMENT.

∕3"O.D. DOWNSPOUT

SEE ARCH PLANS AND SPECIFICATIONS

BELOW GRADE W/OUT DAMAGING

CONNECTION TO THE ROOF GUTTER

∽SCH 40 PVC OR EQUAL

-FERNCO BOOT IF REQUIRED

AS REQUIRED

-2% MIN

∠4" SD WITH LONG SWEEP

DOWNSPOUT

DOWNSPOUT SHALL BE ATTACHED SUCH THAT

IT CAN BE MOVED CLEAR OF THE CONNECTION

COMPLETE FINAL GRADING TO ACHIEVE PROPOSED DESIGN ELEVATIONS. LEAVE SPACE FOR UPPER LAYER OF COMPOST, MULCH OR TOPSOIL AS SPECIFIED ON LANDSCAPE PLANS. 8. PLANT VEGETATION ACCORDING TO PLANTING PLAN.

9. MULCH AND INSTALL EROSION PROTECTION AT SURFACE FLOW ENTRANCES WHERE NECESSARY UNTIL ENTIRE SITE IS STABILIZED.

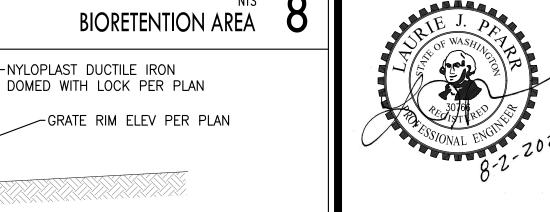
1. SEE COB STD DETAILS NDP-2 AND NDP-9 FOR ADDITIONAL CITY OF BELLEVUE INFORMATION AND REQUIREMENTS.

BIORETENTION AREA

OVERFLOW DRAIN 12

r6"OUTLET PIPE PER PLAN

CITY OF BELLEVUE APPROVAL STAMP



PERMIT RESUBMITTAL 08.03.2022

SHEET NUMBER:

Z D

-SURFACING

PER PLAN

1.5

MIN

SIZE PER PLAN

RIM PER PLAN

IE PER PLAN

BIORETENTION AREA #1 - SECTION B-B

L12" MIN. WASHED ROCK

-OUTLET PIPE PER PLAN

-OVERFLOW DRAIN - NYOPLAST ROUND

DRAIN BASIN OR APPROVED EQUAL W/

LOCKING DUCTILE IRON DOMED GRATE

MIN

-12" MIN. WASHED ROCK

OVERFLOW DRAIN - NYOPLAST ROUND

DRAIN BASIN OR APPROVED EQUAL W/

LOCKING DUCTILE IRON DOMED GRATE

SIZE PER PLAN

RIM PER PLAN

IE PER PLAN

2.5' MAX

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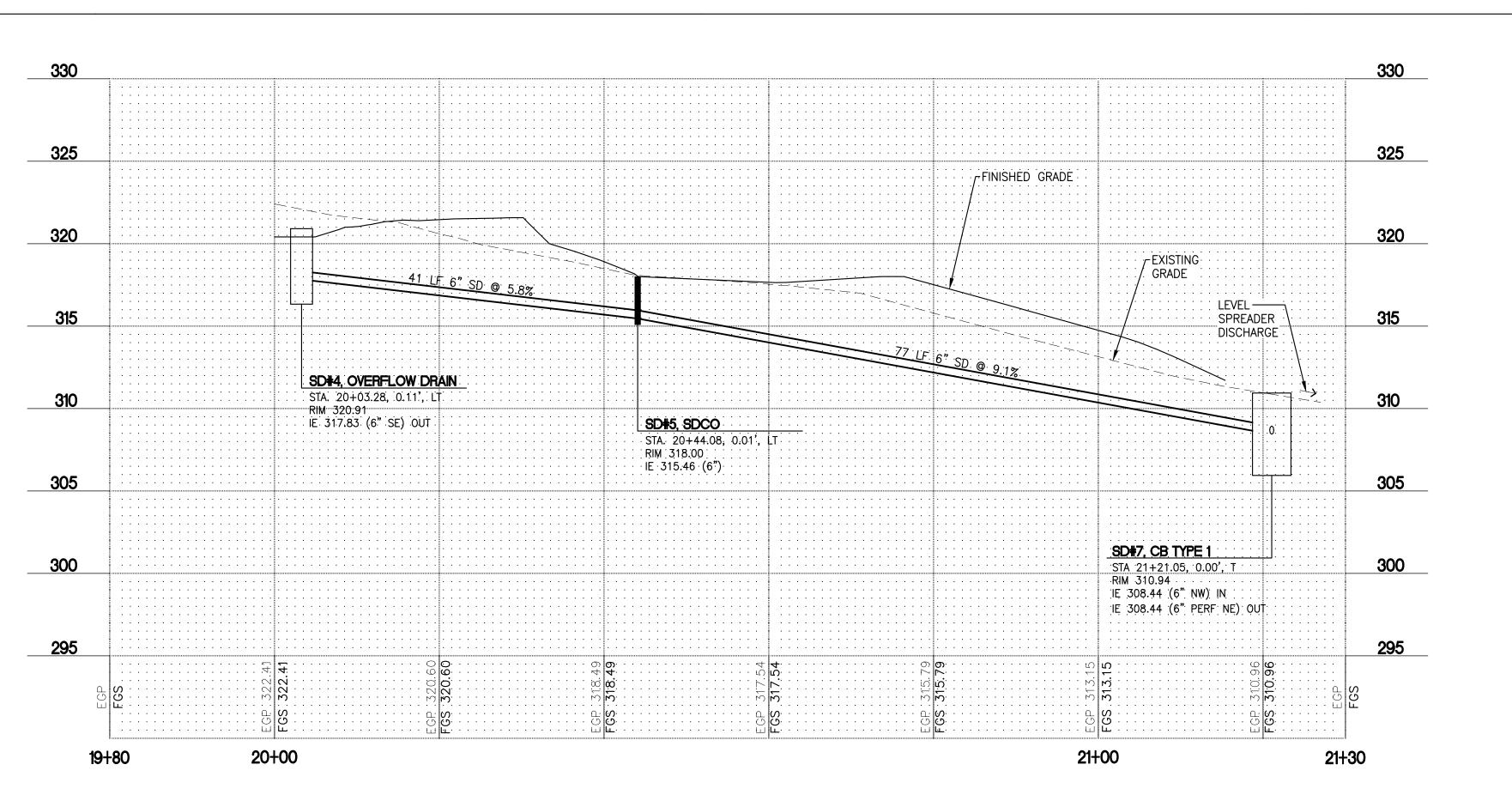
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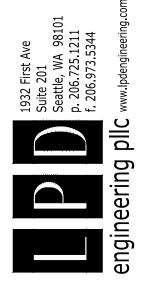
KES/LJP SHEET NAME: DRAINAGE DETAILS & NOTES

SD PROFILE #1 - SD#6 TO BIORETENTION #2



SD PROFILE #2 - SD#4 TO SD#7 2

CITY OF BELLEVUE UTILITY GRID J-2 COB UE#22-105116, GD #22-105126 SW 1/4 , SECTION 15, TOWNSHIP 25 N, RANGE 5 E WM PARTNERS
1927 Post Alley, Ste. 2 206 325 6877



Bridle Trails ParkCity of Bellevue



SET TYPE:
PERMIT SET

SET ISSUE DATE: **04.05.2022**

REVISIONS:

PERMIT RESUBMITTAL 08.03.2022

DRAWN/CHECKED:
KES/LJP
SHEET NAME:
DRAINAGE PROFILES
SHEET NUMBER:

C2.2

CITY OF BELLEVUE GENERAL WATER NOTES

- 1. ALL WORK SHALL CONFORM TO THE 2022 CITY OF BELLEVUE UTILITY ENGINEERING STANDARDS
- AND THE DEVELOPER EXTENSION AGREEMENT.

 2. ALL PIPE SHALL BE DUCTILE IRON CLASS 52 UNLESS OTHERWISE SHOWN.

CITY HOLIDAY, UNLESS OTHERWISE APPROVED BY THE UTILITY.

- 3. ALL PIPE AND FITTINGS NOT TO BE DISINFECTED IN PLACE SHALL BE SWABBED WITH 1% AVAILABLE CHLORINE SOLUTION PRIOR TO INSTALLATION.
- 4. THE NEW WATERMAIN SHALL BE CONNECTED TO THE EXISTING SYSTEM ONLY AFTER NEW MAIN IS PRESSURE TESTED, FLUSHED, DISINFECTED AND SATISFACTORY BACTERIOLOGICAL SAMPLE RESULTS ARE OBTAINED AND RECEIVED BY THE CITY INSPECTOR. SEE STANDARD DETAIL W-9.
- 5. AFTER DISINFECTING THE WATERMAIN, DISPOSE OF CHLORINATED WATER BY DISCHARGING TO THE
- NEAREST OPERATING SANITARY SEWER.

 6. WATER MAIN SHUT-DOWNS SHALL BE COORDINATED WITH THE WATER OPERATIONS DIVISION FOR PREFERRED TIMING DURING FLOW CONTROL CONDITIONS. WATER MAIN SHUTDOWNS SHALL NOT BE SCHEDULED TO TAKE PLACE ON FRIDAYS, OR ON THE FIVE DAYS BEFORE NOR ONE DAY AFTER A
- 7. THE LOCATIONS OF ALL EXISTING UTILITIES SHOWN HEREON HAVE BEEN ESTABLISHED BY FIELD SURVEY OR OBTAINED FROM AVAILABLE RECORDS AND SHOULD THEREFORE BE CONSIDERED APPROXIMATE ONLY AND NOT NECESSARILY COMPLETE. IT IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR TO INDEPENDENTLY VERIFY THE ACCURACY OF ALL UTILITY LOCATIONS SHOWN, AND TO FURTHER DISCOVER AND AVOID ANY OTHER UTILITIES NOT SHOWN HEREON WHICH MAY BE AFFECTED BY THE IMPLEMENTATION OF THIS PLAN.
- 8. DEFLECT THE WATER MAIN ABOVE OR BELOW EXISTING UTILITIES AS REQUIRED TO MAINTAIN 3 FT. MINIMUM COVER AND 12-INCH MINIMUM VERTICAL CLEARANCE BETWEEN UTILITIES UNLESS OTHERWISE SPECIFIED.
- 9. WRAP ALL DUCTILE IRON PIPE AND ADJACENT VALVES AND FITTINGS WITH 8-MIL. POLYETHYLENE CONFORMING TO AWWA C105.
- 10. THE WATERMAIN SHALL BE INSTALLED ONLY AFTER THE ROADWAY SUBGRADE IS BACKFILLED, GRADED AND COMPACTED IN CUT AND FILL AREAS.
- 11. TRENCH BACKFILL AND SURFACE RESTORATION OF EXISTING ASPHALT PAVEMENT SHALL BE AS REQUIRED BY THE RIGHT-OF-WAY USE PERMIT.

- ALL FITTINGS SHALL BE BLOCKED PER STANDARD DETAILS UNLESS OTHERWISE SPECIFIED.
 WHEN WORKING WITH ASBESTOS CEMENT PIPE, THE CONTRACTOR IS REQUIRED TO MAINTAIN WORKERS' EXPOSURE TO ASBESTOS MATERIAL AT OR BELOW THE LIMIT PRESCRIBED IN WAC 296-62-07705.
- 15. CALL 1-800-424-5555, OR 811, 72 HOURS BEFORE CONSTRUCTION FOR UTILITY LOCATIONS.
 16. UNIFORM PLUMBING CODE REQUIRES THE INSTALLATION OF PRIVATELY OWNED AND OPERATED PRESSURE REDUCING VALVES WHERE THE OPERATING PRESSURE EXCEEDS 80 PSI.
- 17. THE CONTRACTOR SHALL USE A VACUUM STREET SWEEPER TO REMOVE DUST AND DEBRIS FROM PAVEMENT AREAS AS DIRECTED BY THE ENGINEER. FLUSHING OF STREETS SHALL NOT BE PERMITTED WITHOUT PRIOR CITY APPROVAL.
- 18. BEFORE COMMENCEMENT OF TRENCHING, THE CONTRACTOR SHALL PROVIDE CATCH BASIN INSERTS FOR ALL CATCH BASINS THAT WILL RECEIVE RUNOFF FROM THE PROJECT SITE. THE CONTRACTOR SHALL PERIODICALLY INSPECT THE CONDITION OF ALL INSERTS AND REPLACE AS NECESSARY.

 19. ABANDONMENT OF EXISTING WATER SERVICES SHALL BE ACCOMPLISHED AS FOLLOWS:
- A. REMOVE EXISTING SERVICE SADDLE FROM WATER MAIN AND REPLACE WITH NEW STAINLESS STEEL REPAIR BAND, ROMAC SS2 FORD SERVICE SADDLE FC101, OR APPROVED EQUAL (WILL NOT BE REQUIRED WHEN WATER MAIN IS TO BE ABANDONED).
- B. REMOVE AND DISPOSE OF EXISTING SETTER AND METER BOX.
- C. CAP OR CRIMP (IF COPPER) EXISTING SERVICE LINE TO BE ABANDONED IN PLACE, EACH END. D. RETURN EXISTING METER TO CITY OF BELLEVUE UTILITIES INSPECTOR.
- 20. WHERE NEW UTILITY LINE CROSSES BELOW AN EXISTING AC MAIN, THE AC PIPE SHALL BE REPLACED WITH DI PIPE TO 3 FEET PAST EACH SIDE OF THE TRENCH AS SHOWN ON STANDARD DETAIL W-8. WRAP DI PIPE AND COUPLINGS WITH 8-MIL POLYETHYLENE CONFORMING TO AWWA C105. ALTERNATIVELY, WHERE DIRECTED BY THE ENGINEER, THE TRENCH SHALL BE BACKFILLED WITH CONTROLLED DENSITY FILL (CDF, AKA FLOWABLE FILL) FROM BOTTOM OF TRENCH TO THE INVERT OF THE AC MAIN.
- 21. AVOID CROSSING WATER OR SEWER MAINS AT HIGHLY ACUTE ANGLES. THE SMALLEST ANGLE MEASURE BETWEEN UTILITIES SHOULD BE 45 TO 90 DEGREES.
- 22. WHERE WATER MAIN CROSSES ABOVE OR BELOW SANITARY SEWER, ONE FULL LENGTH OF WATER PIPE SHALL BE CENTERED FOR MAXIMUM JOINT SEPARATION.

- 23. AT POINTS WHERE EXISTING THRUST BLOCKING IS FOUND, MINIMUM CLEARANCE BETWEEN THE
- CONCRETE BLOCKING AND OTHER BURIED UTILITIES OR STRUCTURES SHALL BE 5 FEET.

 24. WORKERS MUST FOLLOW CONFINED SPACE REGULATIONS AND PROCEDURES WHEN ENTERING OR DOING WORK IN COB OWNED CONFINED SPACES. COMPLETED PERMIT MUST BE GIVEN TO THE UTILITIES INSPECTOR PRIOR TO ENTRY.
- 25. MANHOLES, CATCH BASINS AND VAULTS ARE CONSIDERED TO BE PERMIT-REQUIRED CONFINED SPACES. ENTRY INTO THESE SPACES SHALL BE IN ACCORDANCE WITH CHAPTER 296-809 WAC.
- 26. WHEN WORK IS TO OCCUR IN EASEMENTS, THE CONTRACTOR SHALL NOTIFY THE EASEMENT GRANTOR AND BELLEVUE UTILITIES IN WRITING A MINIMUM OF 48 HOURS IN ADVANCE OF BEGINNING WORK (NOT INCLUDING WEEKENDS OR HOLIDAYS). FAILURE TO NOTIFY GRANTOR AND BELLEVUE UTILITIES WILL RESULT IN A STOP WORK ORDER BEING POSTED UNTIL THE MATTER IS RESOLVED TO THE SATISFACTION OF BELLEVUE UTILITIES. A WRITTEN RELEASE FROM THE EASEMENT GRANTOR SHALL BE FURNISHED TO THE UTILITIES INSPECTOR PRIOR TO PERMIT SIGNOFF
- 27. THE CONTRACTOR SHALL RESTORE THE RIGHT—OF—WAY AND EXISTING PUBLIC UTILITY EASEMENT(S)
 AFTER CONSTRUCTION TO A CONDITION EQUAL OR BETTER THAN CONDITION PRIOR TO ENTRY.
 CONTRACTOR SHALL FURNISH A SIGNED RELEASE FROM ALL AFFECTED PROPERTY OWNERS AFTER
 RESTORATION HAS BEEN COMPLETED.
- 28. PRIVATE FIRE SERVICE MAINS MUST BE INSTALLED IN ACCORDANCE WITH NFPA—24 AS WELL AS COB REQUIREMENTS. THE PIPING MUST BE DOUBLY RESTRAINED AT ALL JOINTS. THIS MEANS THAT ANY CHANGE OF DIRECTION WILL REQUIRE BOTH CONCRETE THRUST BLOCKING AND A MECHANICAL RESTRAINT TYPE JOINT. STRAIGHT RUNS OF PIPE ARE CONSIDERED TO BE DOUBLY RESTRAINED WITH A MECHANICAL RESTRAINT JOINT AND THE WEIGHT OF THE BACKFILL. THIS PIPING MUST BE TESTED AT 200 PSI FOR TWO HOURS WITH NO LEAKS.

CITY OF BELLEVUE UTILITY GRID J-2 COB UE#22-105116, GD #22-105126 SW 1/4 , SECTION 15, TOWNSHIP 25 N, RANGE 5 E WM



CITY OF BELLEVUE APPROVAL STAMP

DOPARTNERSHIP PARTNERSHIP

1927 Post Alley, Ste. 2 2063

Suite 201
Seattle, WA 98101
p. 206.725.1211
f. 206.973.5344
igineering pllC www.lpdengineering.cc

ridle Trails Park

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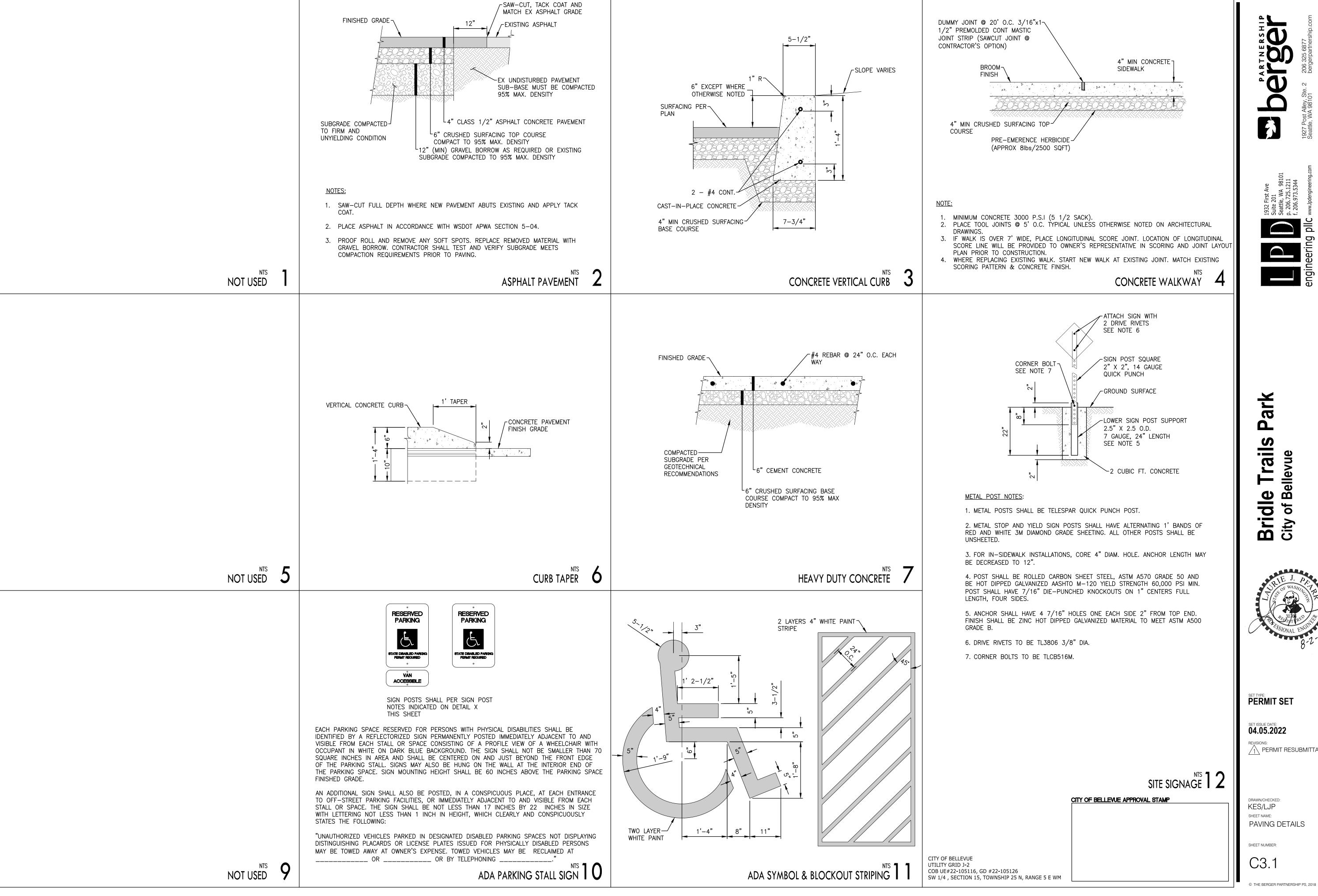
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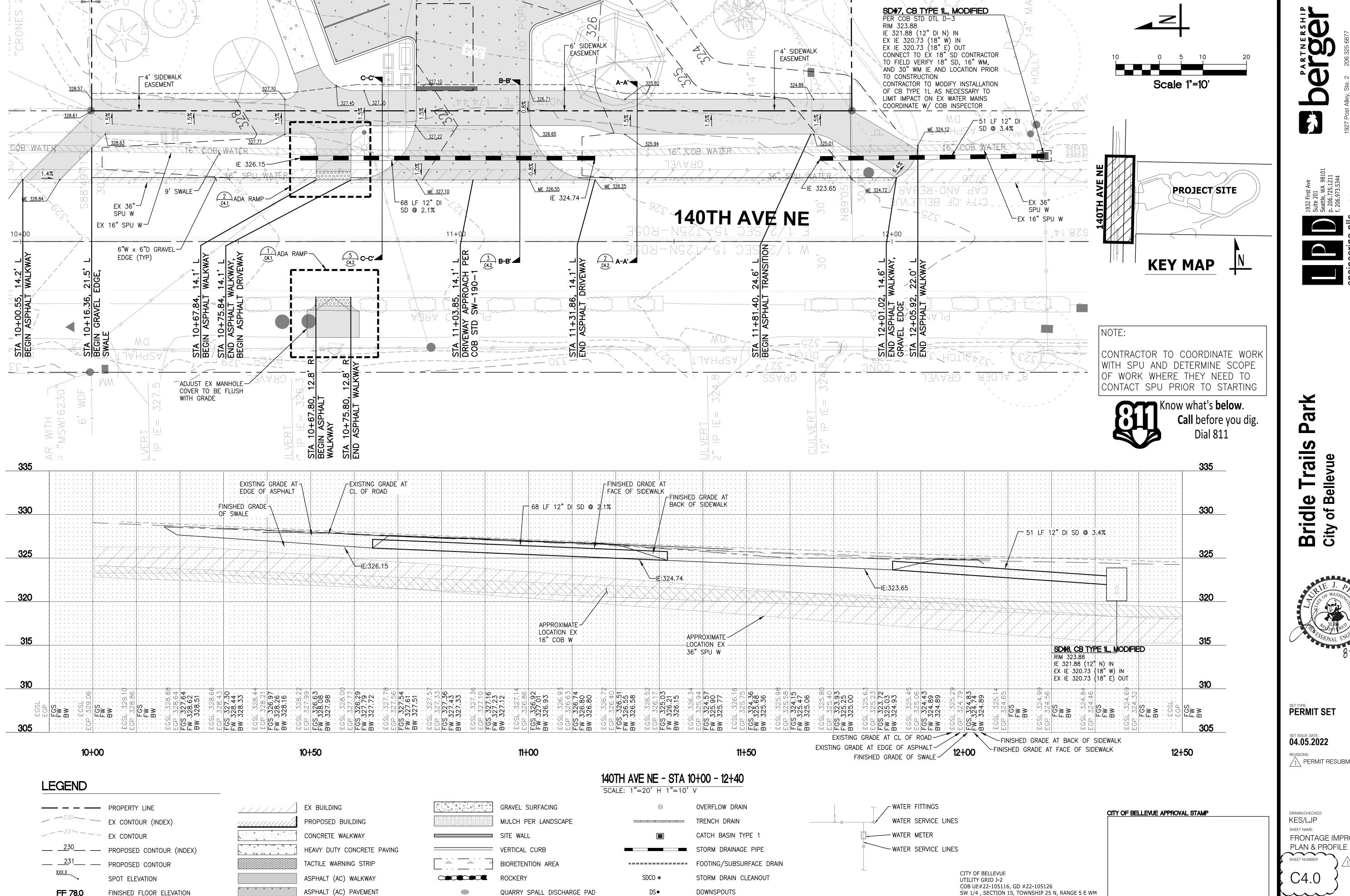
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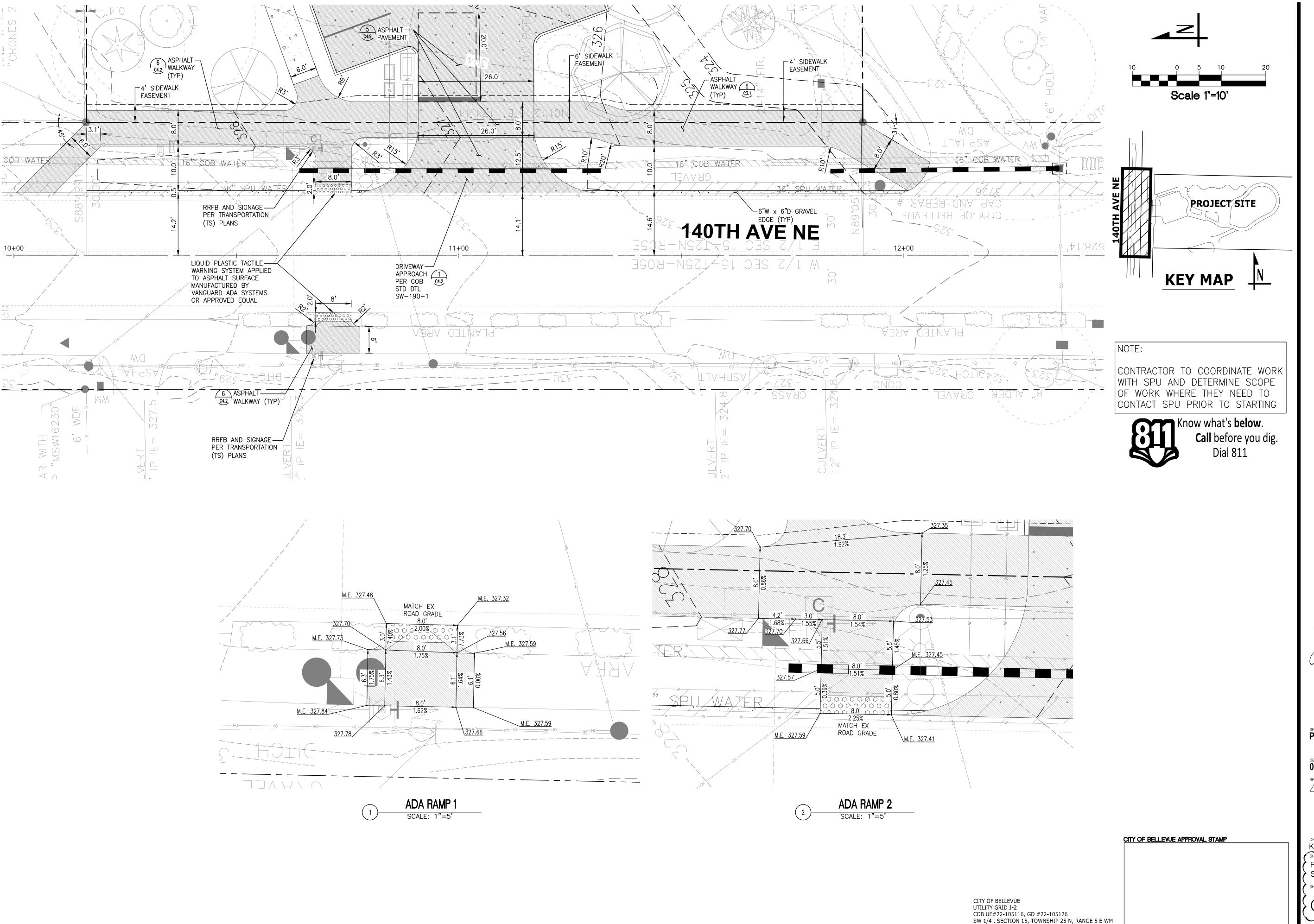
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FRONTAGE IMPROVEMENT



DO PARTNERSHIP





ark **Trails** le Trail Bellevue **Brid**City of



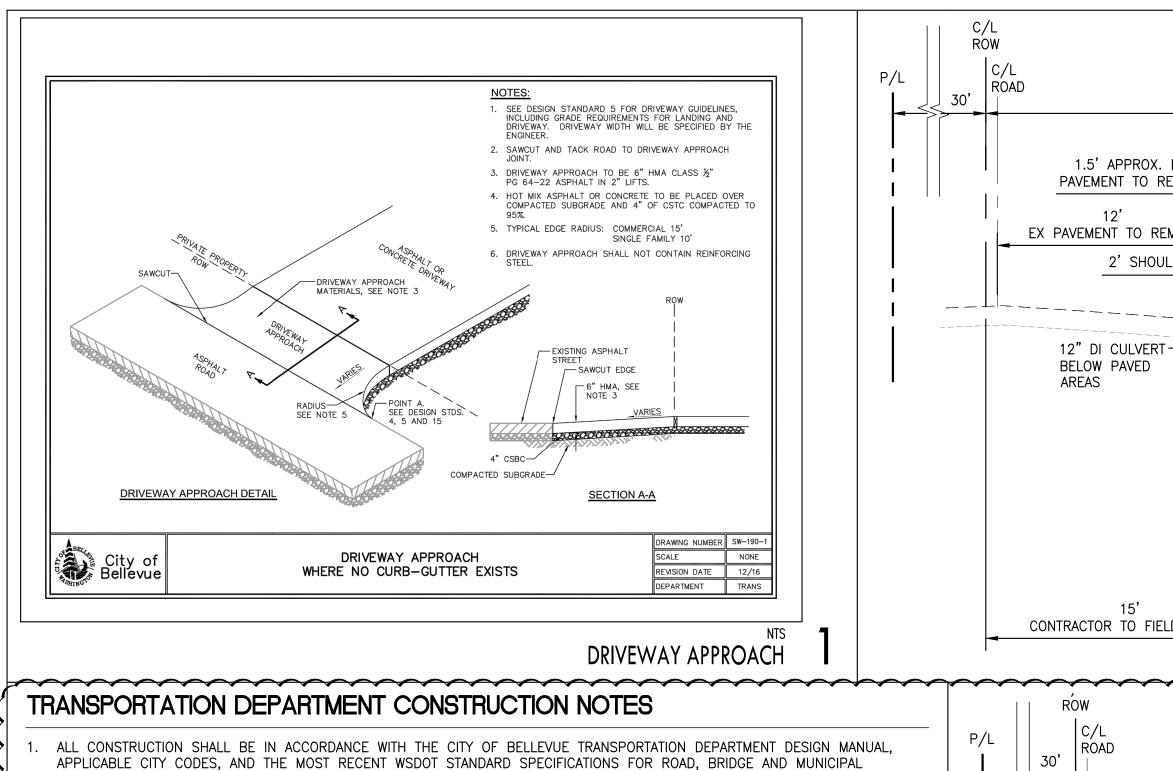
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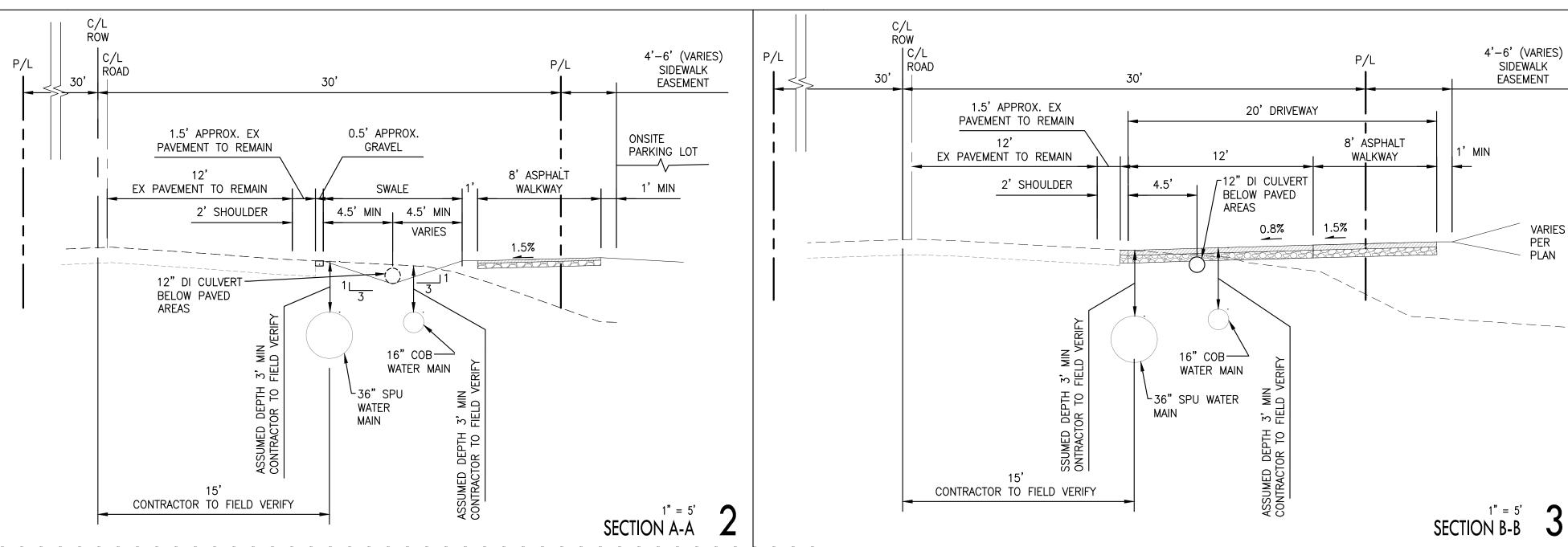
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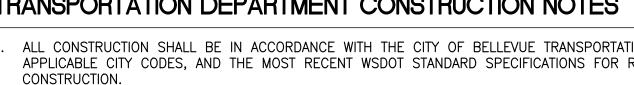




4'-6' (VARIES)

SIDEWALK

EASEMENT



THE DESIGN ELEMENTS WITHIN THESE PLANS HAVE BEEN REVIEWED ACCORDING TO THE LATEST EDITION OF THE CITY OF BELLEVUE TRANSPORTATION DEPARTMENT DESIGN MANUAL. THIS APPROVAL IS SUBJECT TO FIELD INSPECTION; OVERSIGHT OR VIOLATION OF CITY ORDINANCES IS NOT INCLUDED IN THIS APPROVAL. VARIANCES TO THESE STANDARDS ARE BY APPROVAL OF THE TRANSPORTATION DEPARTMENT REVIEW ENGINEER AND THE TRANSPORTATION DEPARTMENT CONSTRUCTION INSPECTOR.

APPROVAL OF THIS ROAD, GRADING, AND/OR DRAINAGE PLAN DOES NOT CONSTITUTE AN APPROVAL OF ANY OTHER CONSTRUCTION (E.G., DOMESTIC WATER CONVEYANCE, SEWER CONVEYANCE, GAS, ELECTRICAL, ETC.).

IT IS THE CONTRACTOR'S RESPONSIBILITY TO CALL FOR A PRE-CONSTRUCTION CONFERENCE AT 425-452-6875 PRIOR TO ANY CLEARING, GRADING, OR CONSTRUCTION ACTIVITY. THIS CONFERENCE MUST BE ATTENDED BY THE CONTRACTOR AND THE TRANSPORTATION DEPARTMENT CONSTRUCTION INSPECTOR. A RIGHT OF WAY PERMIT MUST BE OBTAINED PRIOR TO SCHEDULING THE PRE-CONSTRUCTION CONFERENCE

A COPY OF THESE APPROVED PLANS MUST BE AT THE JOB SITE WHENEVER CONSTRUCTION IS IN PROGRESS. THE TRANSPORTATION DEPARTMENT CONSTRUCTION INSPECTOR MAY ISSUE A STOP WORK ORDER IF APPROVED PLANS ARE NOT AVAILABLE AT THE SITE WHEN NEEDED.

IT IS THE CONTRACTOR'S RESPONSIBILITY TO OBTAIN ALL NECESSARY CONSTRUCTION EASEMENTS AND RIGHT OF WAY USE PERMITS BEFORE BEGINNING OFF-SITE WORK. WORK WITHIN THE RIGHT OF WAY FRONTING THE SITE. WHETHER IMPROVED OR UNIMPROVED, REQUIRES A SEPARATE RIGHT OF WAY USE PERMIT. RIGHT OF WAY USE PERMITS ARE REQUIRED FOR ALL CURB CUTS AND ROADWAY CUTS.

PROVIDING ADEQUATE SAFEGUARDS, SAFETY DEVICES, PROTECTIVE EQUIPMENT, FLAGGERS, AND ANY OTHER SERVICES OR DEVICES NECESSARY TO PROTECT PROPERTY AND THE LIFE, HEALTH, AND SAFETY OF THE PUBLIC. TRAFFIC CONTROL PLANS MUST BE SUBMITTED UNDER THE RIGHT OF WAY USE PERMIT PRIOR TO WORK COMMENCING IN THE RIGHT OF WAY.

IT IS THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY THE CITY OF BELLEVUE'S TRAFFIC SIGNAL SECTION INSPECTOR/ LOCATOR AT 425-864-8080 BEFORE RELOCATING ANY TRAFFIC SIGNAL OR STREET LIGHTING POLES, CONDUITS OR EQUIPMENTS. IN ADDITION, THE INSPECTOR MUST BE NOTIFIED IF ANY STREET CUT THAT AFFECTS AN EXISTING SIGNAL LOOP DETECTOR IN THE RIGHT OF

9. IT IS THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY TELEPHONE, GAS, POWER, AND CABLE TV COMPANIES OF PROPOSED WORK PRIOR TO CONSTRUCTION

10. PRIOR TO THE PLACEMENT OF ASPHALT PAVING, THE CONTRACTOR MUST SUBMIT COMPACTION TEST RESULTS (CONDUCTED BY A LICENSED SOILS ENGINEER) TO THE TRANSPORTATION DEPARTMENT CONSTRUCTION INSPECTOR. PROOF ROLLING OF THE ROADWAY WILL BE CONDUCTED IN THE PRESENCE OF THE TRANSPORTATION CONSTRUCTION INSPECTOR PRIOR TO CRUSHED ROCK

PLACEMENT. 11. THE FINAL TOP LIFT FOR THE ROADWAY MAY BE PLACED ONLY AFTER APRIL 1ST AND PRIOR TO OCTOBER 1ST, SUBJECT TO TRANSPORTATION DEPARTMENT CONSTRUCTION INSPECTOR APPROVAL. ALL OTHER LIMITATIONS PER WSDOT STANDARD

SPECIFICATIONS 5-04.3 SHALL APPLY. 12. ALL CITY-OWNED UTILITIES VALVE BOXES, MANHOLE COVERS, CATCH BASINS, AND MONUMENT CASES WHICH ARE IN THE ASPHALT PORTION OF THE ROADWAY SHALL BE ADJUSTED TO THE FINAL ROADWAY GRADE FOR THAT PORTION OF THE PROJECT WITHIN ONE WEEK OF THE PLACEMENT OF FINAL LIFT. THESE ITEMS WILL BE ADJUSTED TO THE FINAL GRADE ONLY AFTER THE FINAL LIFT OF ASPHALT IS PLACED.

13. ALL WORK SHALL BE PERFORMED PER THE RECOMMENDATIONS OF SOILS REPORTS PREPARED FOR THIS PROJECT, INCLUDING THE SOILS REPORT FOR SOILS CONDITIONS RELATIVE TO ROADWAY PAVING, UNLESS OTHERWISE DIRECTED IN WRITING BY THE TRANSPORTATION DEPARTMENT REVIEW ENGINEER OR THE TRANSPORTATION CONSTRUCTION INSPECTOR.

14. STREET SIGNS ARE TO BE PROVIDED AND INSTALLED BY THE CONTRACTOR AS DIRECTED PER A SIGNING PLAN APPROVED BY THE TRANSPORTATION DEPARTMENT. CONTACT THE TRAFFIC ENGINEERING TECHNICIAN AT (425) 452-4499 AT LEAST 72 HOURS PRIOR TO INSTALLATION FOR FIELD LAYOUT DIRECTION. ALL SIGNS MUST BE IN GOOD CONDITION PRIOR TO FINAL ACCEPTANCE OF THE ROADWAY.

15. RELOCATION OF STREET SIGNS MUST BE COORDINATED WITH THE TRANSPORTATION DEPARTMENT CONSTRUCTION INSPECTOR. 16. PUGET SOUND ENERGY WILL DESIGN AND INSTALL THE INTERNAL PLAT STREET LIGHTING SYSTEM, AT THE DEVELOPER'S COST. THE DESIGN OF THIS SYSTEM MUST BE APPROVED BY THE CITY OF BELLEVUE PRIOR TO INSTALLATION. POLES MUST BE INSTALLED IN CONJUNCTION WITH ROADWAY IMPROVEMENT WORK.

17. SAFETY RAIL, GUARD RAIL, AND DRIVEWAY APRONS MUST BE PLACED AND CONSTRUCTED PER THE CITY OF BELLEVUE TRANSPORTATION DEPARTMENT DESIGN MANUAL. FOR RESIDENTIAL SUBDIVISIONS, DRIVEWAY APRONS MAY BE INSTALLED ONLY AFTER ISSUANCE OF BUILDING PERMITS. THEREFORE, IF CURB AND GUTTER IS PLACED BEFORE BUILDING PERMITS ARE ISSUED, CURB AND GUTTER SHALL BE CONTINUOUS. A RIGHT OF WAY USE PERMIT WILL BE REQUIRED TO INSTALL DRIVEWAY APRONS ABUTTING CITY RIGHT OF WAY.

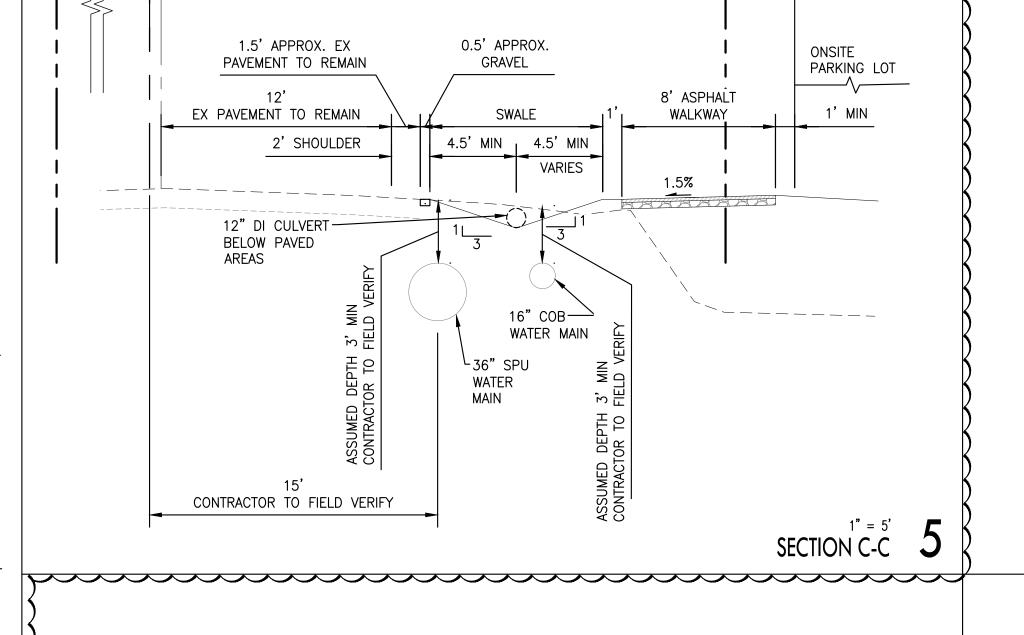
18. THE CONTRACTOR IS RESPONSIBLE FOR RESTRIPING THE ROAD SURFACE PER APPROVED PLANS AFTER AN ASPHALT OVERLAY. THIS WORK MUST BE COORDINATED WITH THE TRANSPORTATION DEPARTMENT CONSTRUCTION INSPECTOR AND THE TRAFFIC ENGINEERING TECHNICIAN.

19. THE CONTRACTOR MUST CALL FOR CONCRETE FORM INSPECTION AND/OR STRING INSPECTION PRIOR TO POURING CONCRETE. 20. THE CONTRACTOR MUST CALL FOR SIGHT DISTANCE INSPECTION PRIOR TO PROJECT COMPLETION. THIS INSPECTION WILL INCLUDE DRIVEWAYS AND INTERSECTIONS FOR VEHICULAR SIGHT DISTANCE, AND SIDEWALK AND OTHER PEDESTRIAN FACILITIES FOR PEDESTRIAN SIGHT DISTANCE. FINAL SIGHT DISTANCE MUST TAKE INTO CONSIDERATION THE ANTICIPATED HEIGHT OF MATURE LANDSCAPING.

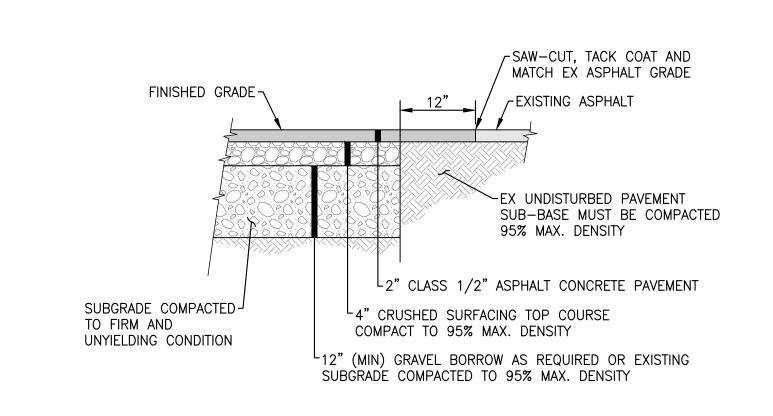
21. THE CONTRACTOR MUST PROVIDE FOR CONSTRUCTION WORKER PARKING, EQUIPMENT STORAGE, AND MATERIAL STORAGE ON SITE. EXCEPTIONS MAY BE GRANTED BY THE TRANSPORTATION DEPARTMENT DIRECTOR UNDER CERTAIN CONDITIONS.

22. THE CONTRACTOR IS RESPONSIBLE FOR INSTALLATION AND COORDINATION OF PUBLIC AND FRANCHISE UTILITIES. THIS WORK MUST BE COORDINATED SUCH THAT, FOR EXAMPLE, THE PLACEMENTS OF UTILITY VAULTS DO NOT CREATE A CONFLICT WITH THE INSTALLATION OF DRIVEWAY APPROACHES AND/OR SIDEWALKS AT 2% CROSS SLOPE AND MAXIMUM OF 8% RUNNING SLOPE PER ADA REQUIREMENTS.

23. WHERE REQUIRED IN APPROVAL CONDITIONS, PERMANENT PIPE MONUMENTS SHALL BE SET ALONG THE STREET CENTERLINE AT ALL INTERSECTIONS, CURVE TANGENT POINTS, AND CUL-DE-SAC RADIUS POINTS. THE PIPE MONUMENTS SHALL BE A BERTSEN A130 ALUMINUM STANDARD MONUMENT (30" LONG) OR EQUIVALENT, TOGETHER WITH STANDARD IRON CASTING CASE AND COVER. THESE MATERIALS AND SPECIFICATIONS ARE SHOWN IN CITY OF BELLEVUE STANDARD DRAWING DEV-12 (CAP DETAIL B).



30'



CITY OF BELLEVUE UTILITY GRID J-2

COB UE#22-105116, GD #22-105126

SW 1/4, SECTION 15, TOWNSHIP 25 N, RANGE 5 E WM

- SAW-CUT EXISTING ASPHALT FULL DEPTH WHERE NEW PAVEMENT ABUTS EXISTING AND APPLY TACK COAT.
- 2. PLACE ASPHALT IN ACCORDANCE WITH WSDOT APWA SECTION 5-04.
- 3. PROOF ROLL AND REMOVE ANY SOFT SPOTS. REPLACE REMOVED MATERIAL WITH GRAVEL BORROW. CONTRACTOR SHALL TEST AND VERIFY SUBGRADE MEETS COMPACTION REQUIREMENTS PRIOR TO PAVING.

ASPHALT WALKWAY

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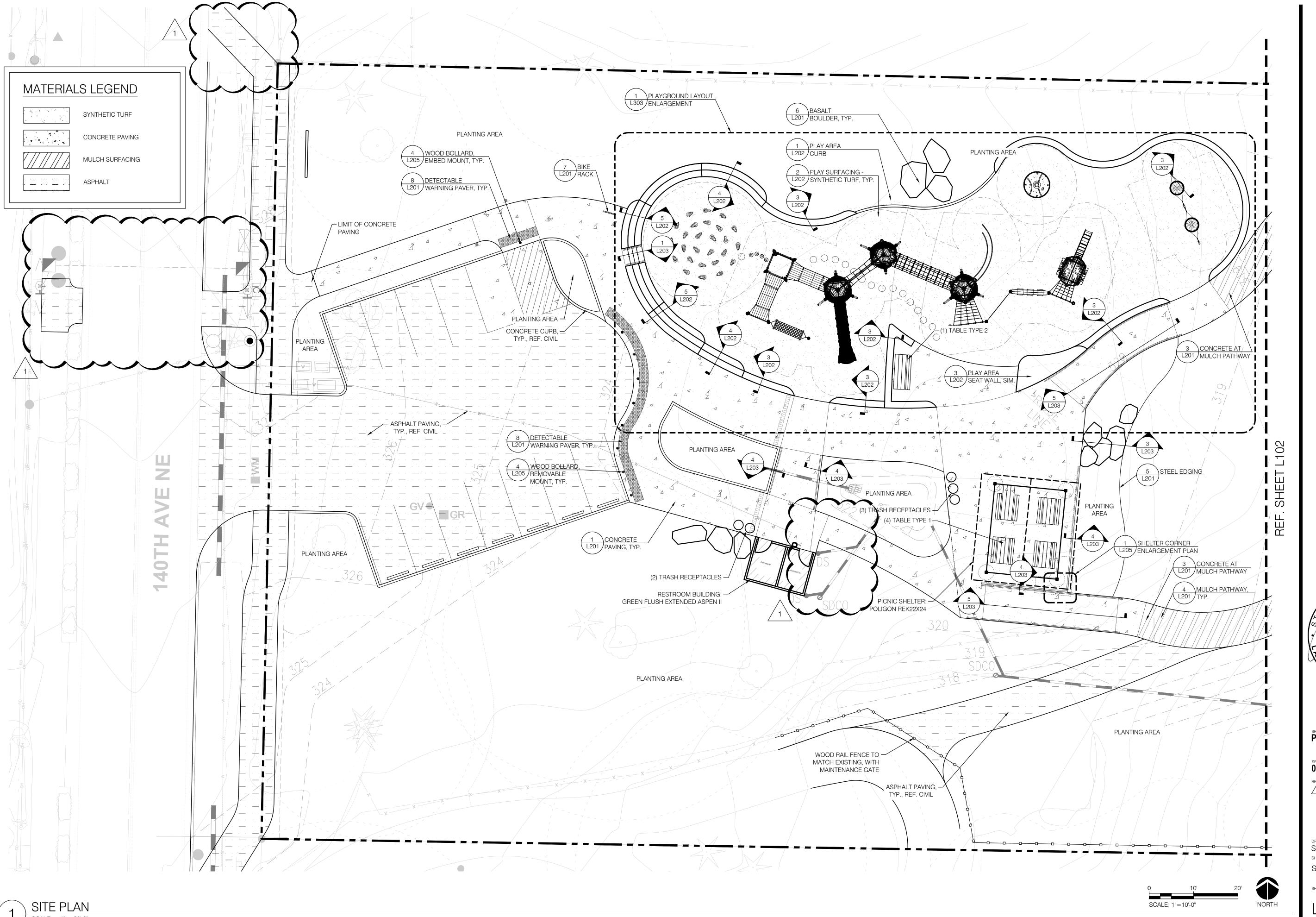
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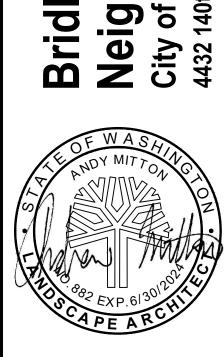
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TRANSPORTATION DEPARTMENT CONSTRUCTION NOTES







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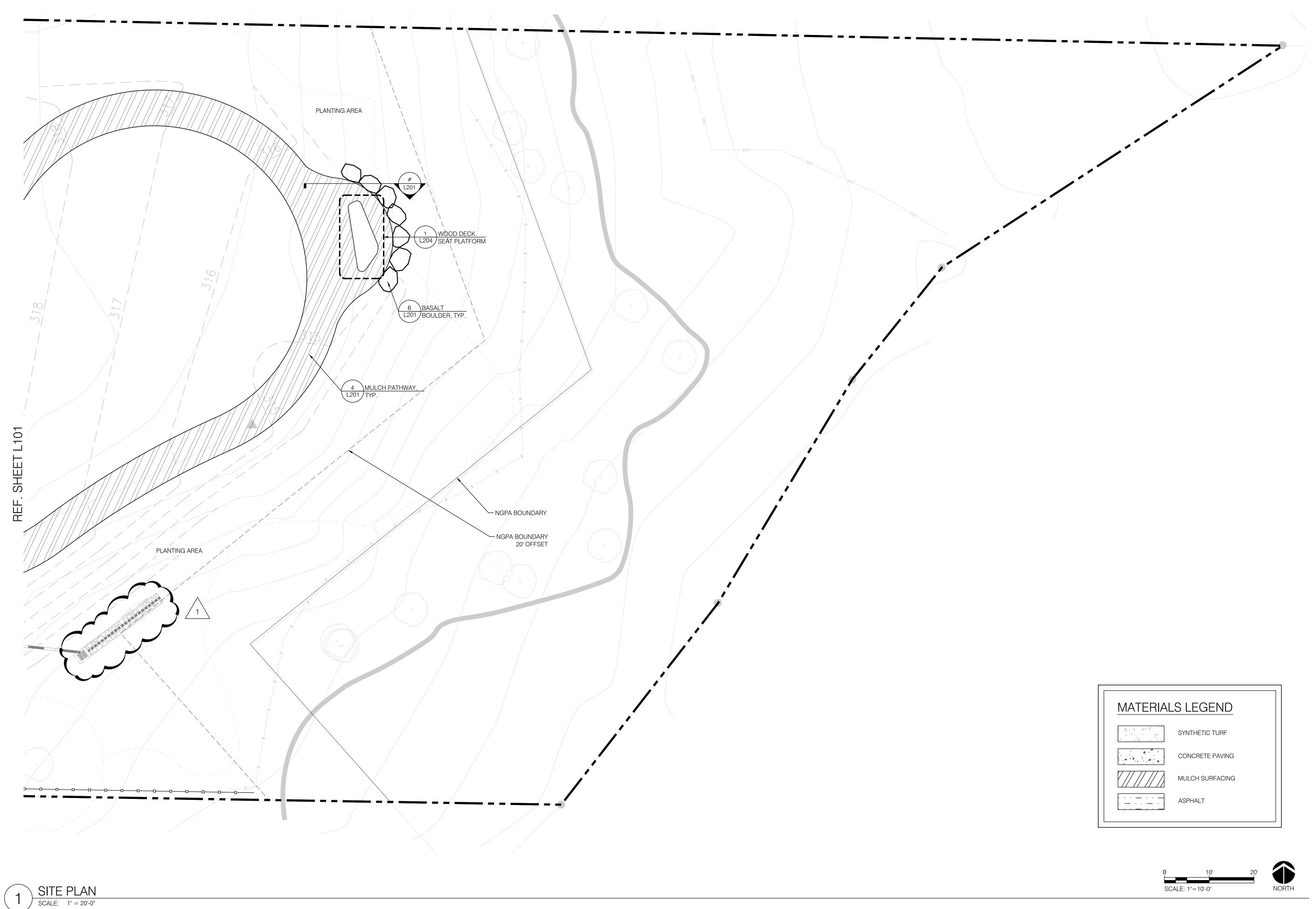
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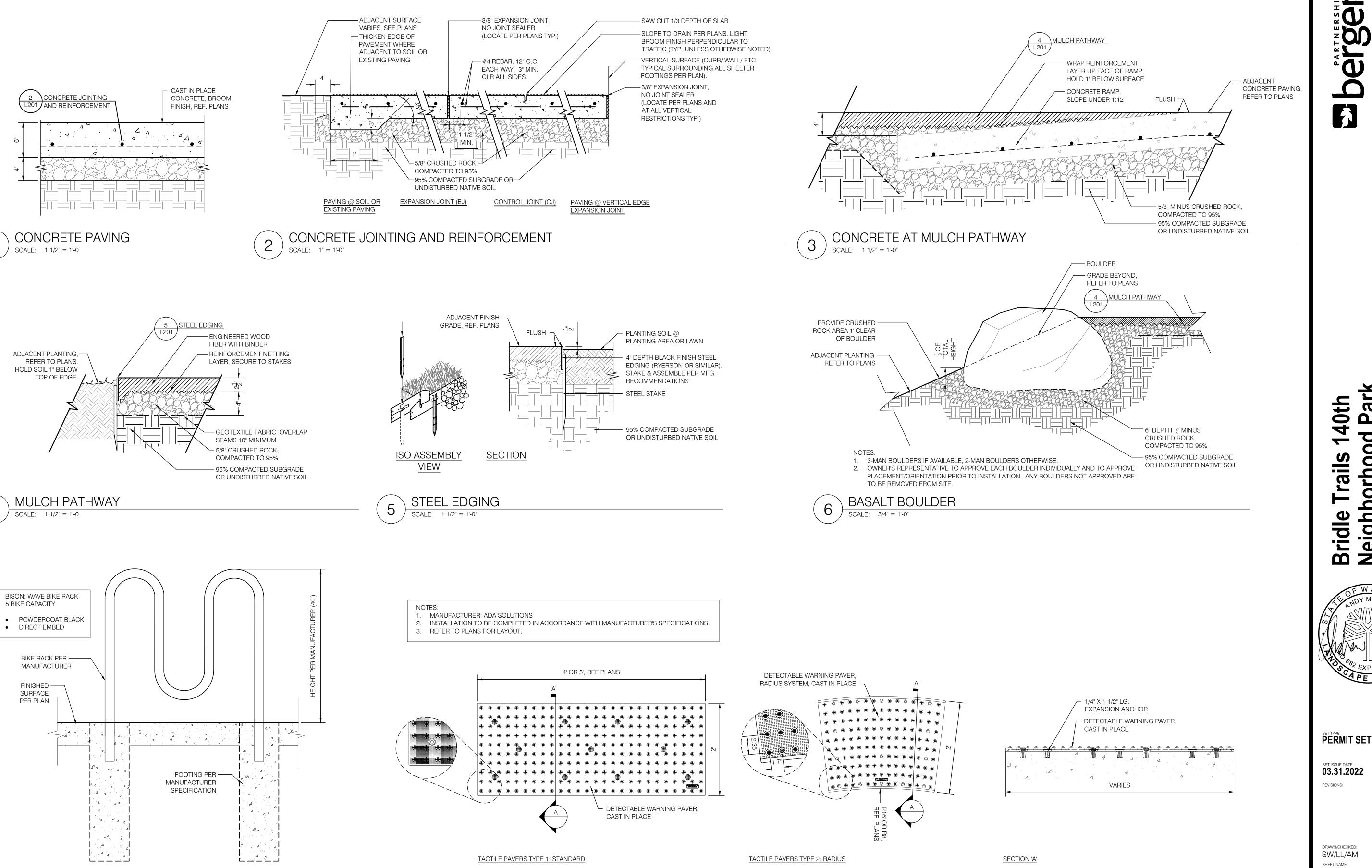
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DETECTABLE WARNING PAVER

SCALE: 1" = 1'-0"

BIKE RACK

DRAWN/CHECKED SW/LL/AM SHEET NAME: **DETAILS**

REVISIONS:

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SHEET NUMBER:

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CURBING/PAVEMENT, OR AS NOTED ON PLAN.

PLAY AREA CURB SCALE: 1" = 1'-0"

PLAY AREA SEAT WALL - 2 TIER

- ADJACENT CONCRETE, REF. PLANS $-\frac{1}{4}$ " X 5" GALV. EXPANSION ANCHOR. SPACING 18" O.C. MIN. - COMPOSITE PLASTIC LUMBER BORDER SUPPLIED BY TURF INSTALLER. SET BELOW TOP OF CONCRETE $\frac{1}{4}$ MAX. KERF NAILER AS NEEDED TO BEND TO SITE CURVES. - RESILIENT/DRAINAGE PAD, THICKNESS VARIES BASED ON FALL REQUIREMENTS. INSTALL FLUSH WITH WITH TOP OF BOARD. DO NOT INSTALL RESILIENT PAD AT FUTSAL COURT. - SYNTHETIC GRASS SURFACING. INSTALL TOP OF FIBERS 1/8" ABOVE ADJACENT SURFACE. STAPLE TO BOARD WITH STAINLESS STEEL STAPLES AND BOND CONTINUOUSLY WITH CONSTRUCTION ADHESIVE. - WHERE SLOPES MEET · COMPACT SUBGRADE TO 95%, SLOPE OR EXCEED 3:1 PROVIDE SUBGRADE 2% TO DRAIN TOWARD UNDERDRAIN SYSTEM 3" THICK CONCRETE SUBSLAB, NO — SUBBASE 2" DEPTH TOP LAYER OF $\frac{1}{4}$ " MINUS REINFORCEMENT CRUSHED ROCK OVER 5" MINUS CRUSHED ROCK, REFER TO CIVIL DRAWINGS FOR OVERALL REQUIRED DEPTH 1. INSTALLATION TO BE COMPLETED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.

2. REFER TO PLANS FOR GRADING.

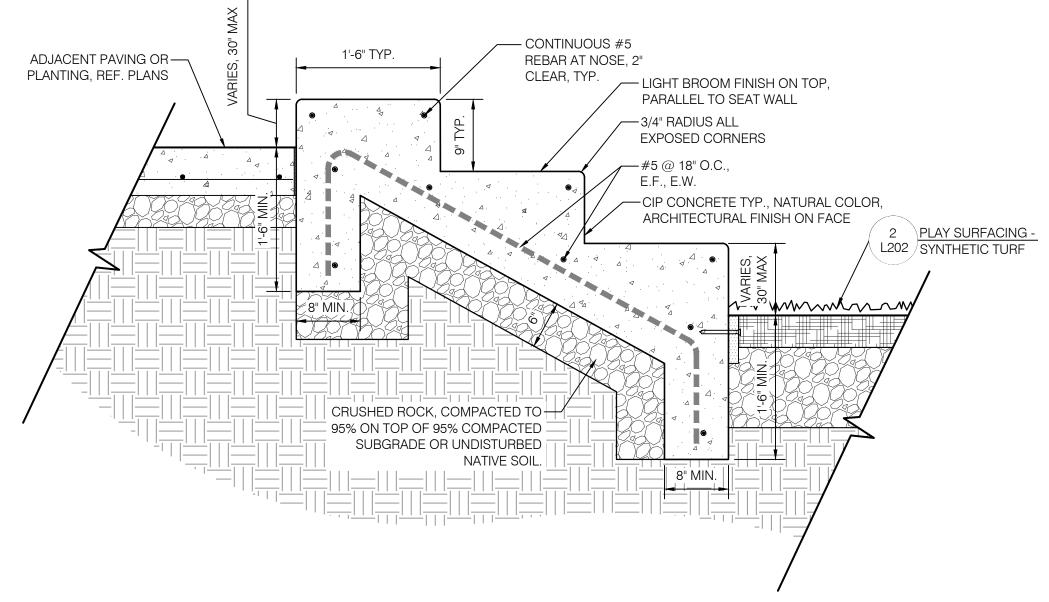
PLAY SURFACING - SYNTHETIC TURF SCALE: 3/4'' = 1'-0''

-LIGHT BROOM FINISH ON TOP, PARALLEL TO SEAT WALL -3/4" RADIUS ALL EXPOSED CORNERS 1'-6" TYP. -CIP CONCRETE NATURAL COLOR, ARCHITECTURAL FINISH ON FACE —#5 @ 16" O.C., E.F., E.W. ADJACENT PAVING OR — 2 PLAY SURFACING -PLANTING, REF. PLANS L202 SYNTHETIC TURF /~~~~~/~~/ CRUSHED ROCK, COMPACTED TO-95% ON TOP OF 95% COMPACTED SUBGRADE OR UNDISTURBED NATIVE SOIL.

PLAY AREA SEAT WALL SCALE: 1'' = 1'-0''

- LIGHT BROOM FINISH ON TOP, PARALLEL TO SEAT WALL /--3/4" RADIUS ALL EXPOSED CORNERS ___#5 @ 18" O.C., E.F., E.W. 1'-6" TYP. ADJACENT PAVING OR — CONTINUOUS #5 REBAR AT PLANTING, REF. PLANS NOSE, 2" CLEAR, TYP. - CIP CONCRETE TYP., NATURAL COLOR, ARCHITECTURAL FINISH ON FACE 2 PLAY SURFACING -L202 SYNTHETIC TURF hat~~~~~~ CRUSHED ROCK, COMPACTED TO 95% ON TOP OF 95% COMPACTED -SUBGRADE OR UNDISTURBED NATIVE SOIL.

PLAY AREA SEAT WALL - 3 TIER



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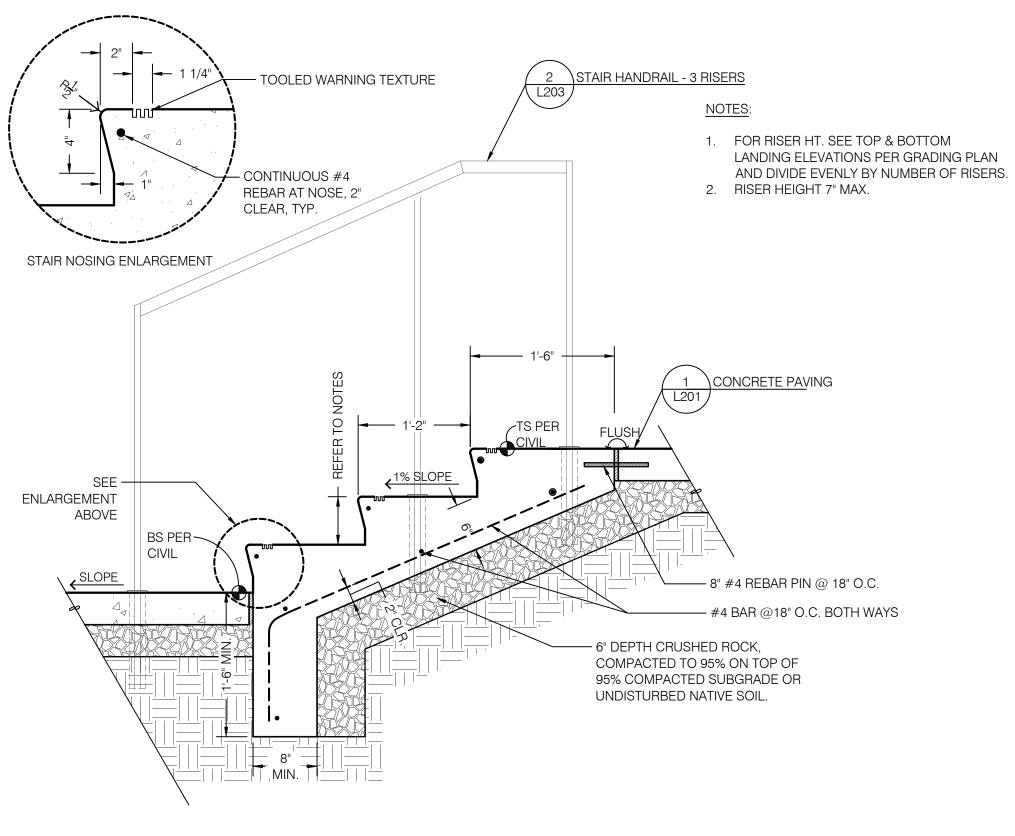
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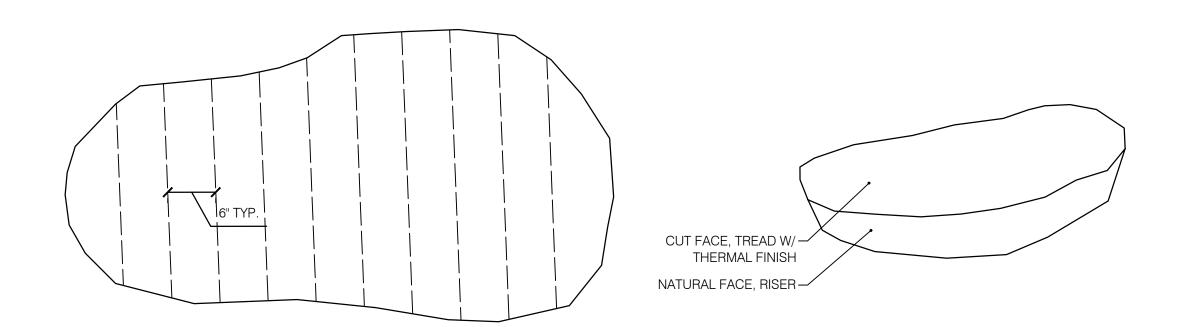
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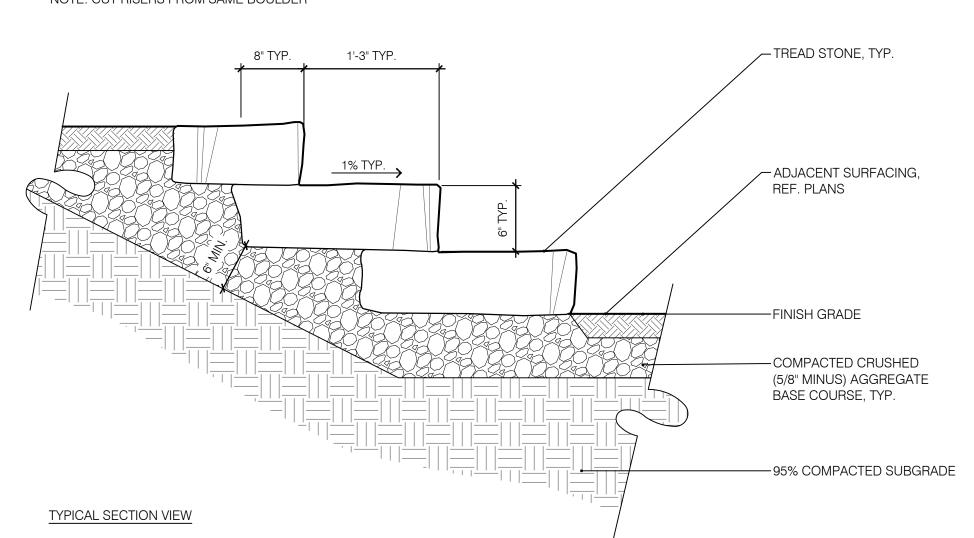
CIP CONCRETE STAIR



AXONOMETRIC VIEW

NOTE: CUT RISERS FROM SAME BOULDER

TYPICAL PLAN VIEW

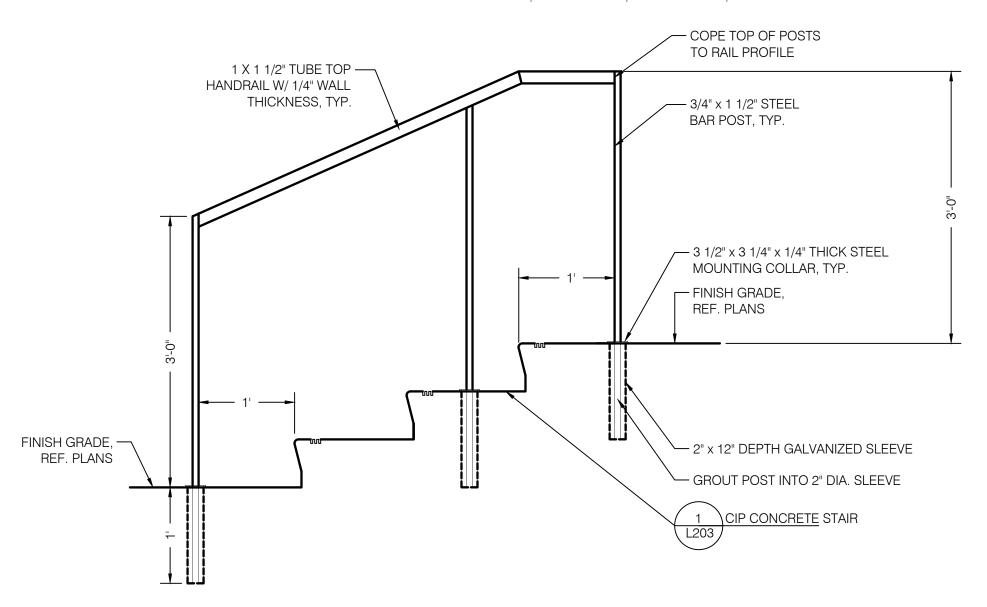


STONE SLAB STEPS

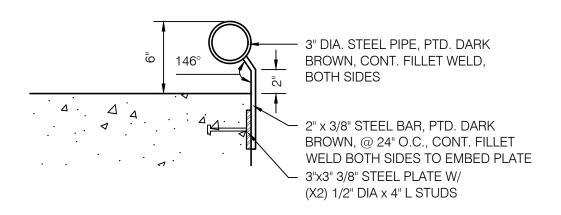
1. ALL MEMBERS TO BE STEEL, POWDERCOATED DARK BROWN.

2. CONT. FILLET WELD; EASE ALL CORNERS AND EDGES

3. CONTRACTOR TO PROVIDE SHOP DRAWINGS FOR EACH HANDRAIL INSTANCE. SHOP DRAWINGS TO SHOW AS-BUILT CONDITION WHERE HANDRAIL IS TO BE INSTALLED, ALL MEMBERS, ATTACHMENTS, AND FINISHES.



STAIR HANDRAIL - 3 RISERS

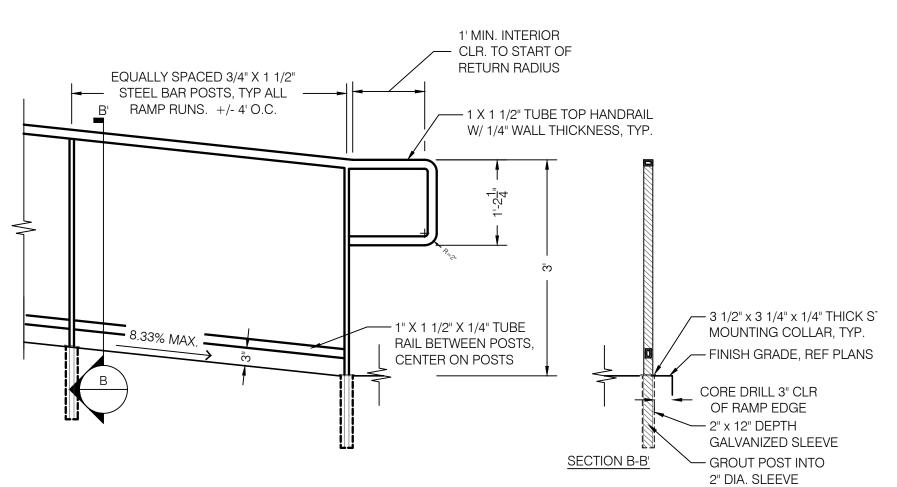


STEEL BULL RAIL SCALE: $1 \frac{1}{2} = 1'-0''$

1. ALL MEMBERS TO BE STEEL, POWDERCOATED DARK BROWN. 2. CONT. FILLET WELD; EASE ALL CORNERS AND EDGES

3. SLOPED LENGTH OF RAMP NOT TO EXCEED 30'.

4. CONTRACTOR TO PROVIDE SHOP DRAWINGS FOR EACH HANDRAIL INSTANCE. SHOP DRAWINGS TO SHOW AS-BUILT CONDITION WHERE HANDRAIL IS TO BE INSTALLED, ALL MEMBERS, ATTACHMENTS, AND FINISHES.

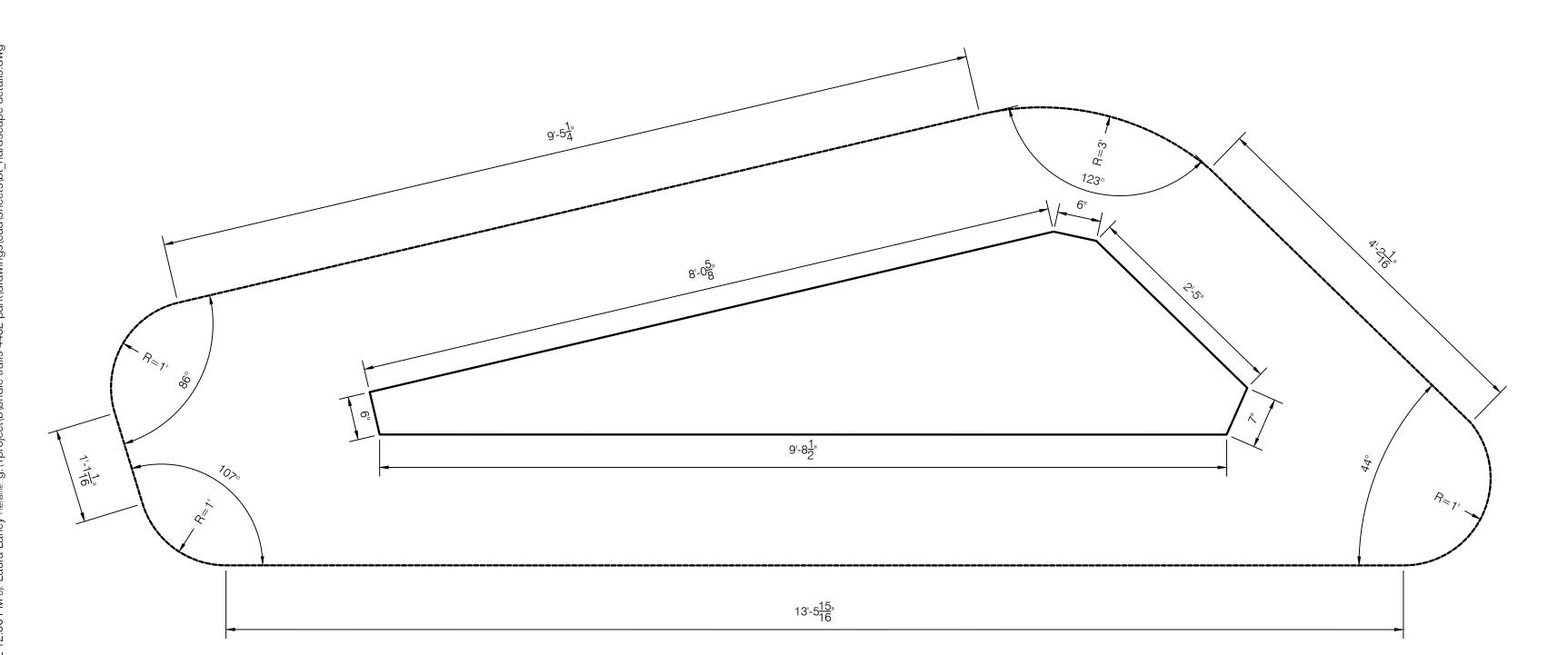


RAMP WITH HANDRAIL

SUBMIT SHOP DRAWINGS FOR APPROVAL PRIOR TO FABRICATION
 ALL MEMBERS TO BE GALVANIZED STEEL
 FASCIA TO BE PAINTED W/ TNEMEC PAINT - COLOR DARK BROWN

5/4 CEDAR WOOD DECKING — PAINTED STEEL FASCIA, — PT WOOD SLEEPER — 3/16" THICK PERIMETER SUPPORT — CONCRETE PLINTH — FLANGE, TYP $PL^{\frac{1}{4}}FORALL$ FILLED WITH CONCRETE OR FOAM —— AT CONTRACTOR OPTION BRACKET PIECES 1/4" GAP, TYP ----SIZE PLATE SO ANCHORS — ARE MIN 1" FROM EDGES $\frac{1}{4}$ " DIA HILTI KWIK HUS EZ W/2" — EMBED, SPACE 4" EACH DIRECTION ADJACENT FINISH GRADE, REF. PLANS #5 REBAR AT 18" MAX O.C. BOTH WAYS MIN. 8"

TYPICAL SECTION VIEW



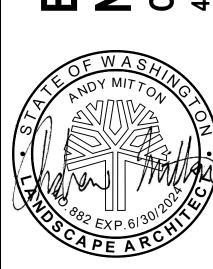
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WOOD DECK SEAT PLATFORM

LAYOUT PLAN

140th borhood Bridl Neig City of 4432 140



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L204

SHELTER CORNER ENLARGEMENT PLAN

SCALE: 3/4" = 1'-0"

SHELTER POST

SHELTER POST

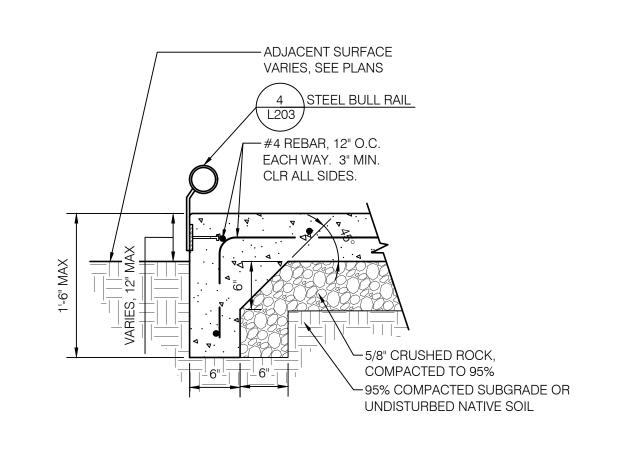
CIP CONCRETE, NATURAL COLOR, ARCHITECTURAL FINISH ON EXPOSED FACE ADJACENT RAMP OR PLANTING, SEE PLANS

CRUSHED ROCK, COMPACTED TO 95% ON TOP OF 95% COMPACTED SUBGRADE OR UNDISTURBED NATURE SOIL.

NATURE SOIL.

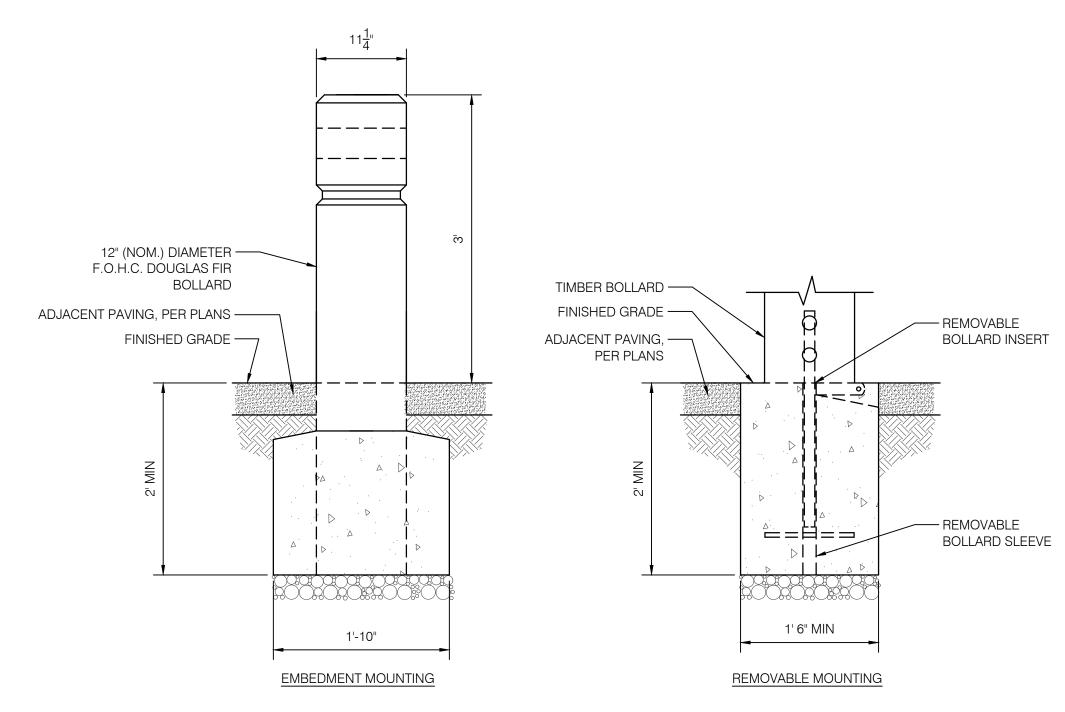
2 CONCRETE WALL AT SHELTER

SCALE: 3/4" = 1'-0"



3 CONCRETE PAVING WITH THICKENED EDGE

SCALE: 1" = 1'-0"



WOOD BOLLARD

SCALE: 1" = 1'-0"





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L205

HORIZONTAL CONTROL PLAN: PLAYGROUND ENLARGEMENT

SCALE: 3/16" = 1'-0"



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SET ISSUE DATE: 03.31.2022 REVISIONS:

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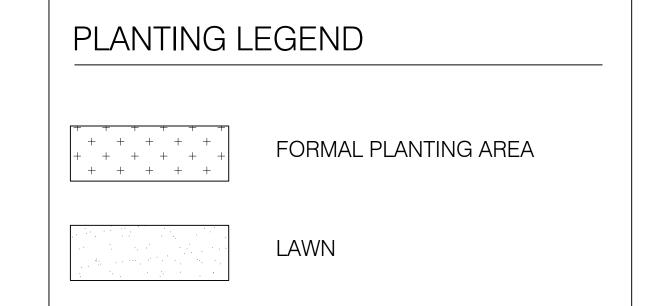
L301

PLANT SCHEDULE

TREE LEGEND									
	SYMBOL	QTY	BOTANICAL NAME	COMMON NAME	SIZE/TYPE	SPACING			
X		13	ACER CIRCINATUM	VINE MAPLE	MULTI-STEM, 3 STEMS MIN., 2.5 CAL. EA. STEM, 8'-10' HT.	AS SHOWN			
	MMM	3	ACER MACROPHYLLUM	BIGLEAF MAPLE	2" CAL. MIN.	AS SHOWN			
×		4	CALOCEDRUS DECURRENS	INCENSE CEDAR		AS SHOWN			
(4	CORNUS 'EDDIE'S WHITE WONDER'	EDDIE'S WHITE WONDER DOGWOOD		AS SHOWN			
X,		2	FRAXINUS LATIFOLIA	OREGON ASH	2" CAL. MIN.	AS SHOWN			
3	The same of the sa	3	PICEA SITCHENSIS	SITKA SPRUCE		AS SHOWN			
//		3	PSEUDOTSUGA MENZIESII	DOUGLAS FIR	10-12' HT. MIN., B&B	AS SHOWN			
		2	QUERCUS GARRYANA	OREGON OAK		AS SHOWN			
		5	RHAMNUS PURSHIANA	CASCARA	2" CAL. MIN.	AS SHOWN			

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SYMBOL	QTY	BOTANICAL NAME	COMMON NAME	SIZE/TYPE	SPACING
₹ _}		ACHELLIA MILLEFOLIUM	COMMON YARROW (WHITE)	1 GAL.	PER PLANS
		CAREX OBNUPTA	SLOUGH SEDGE	1 GAL.	PER PLANS
		CORNUS SANGUINEA 'MIDWINTER FIRE'	BLOODTWIG DOGWOOD		PER PLANS
		CORNUS SERICEA 'KELSEYI'	KELSEY'S DWARF RED-OSIER DOGWOOD	3 GAL.	PER PLANS
\oplus		DESCHAMPSIA CESPITOSA	TUFTED HAIR GRASS	1 GAL.	PER PLANS
(1)		GAULTHERIA SHALLON	SALAL	1 GAL.	PER PLANS
		HOLODISCUS DISCOLOR	OCEAN SPRAY		PER PLANS
		LONICERA INVOLUCRATA	TWINBERRY HONEYSUCKLE		PER PLANS
\bigotimes		MAHONIA AQUIFOLIUM 'COMPACTA'	COMPACT OREGON GRAPE		PER PLANS
		MAHONIA REPENS	CREEPING OREGON GRAPE	1 GAL.	PER PLANS
		OEMLERIA CERASIFORMIS	INDIAN PLUM		PER PLANS
		POLYSTICHUM MUNITUM	WESTERN SWORD FERN	1 GAL.	PER PLANS
		PHILADELPHUS LEWISII	MOCK ORANGE		PER PLANS
•		RHODODENDRON MACROPHYLLUM	PACIFIC RHODODENDRON	5 GAL.	PER PLANS
<u></u>		RUBUS PARVIFLORUS	THIMBLEBERRY		PER PLANS
		SAMBUCUS CANADENSIS	ELDERBERRY		PER PLANS
		SPIRAEA DOUGLASII	DOUGLAS SPIRAEA	5 GAL.	PER PLANS
		SYMPHORICARPOS ALBUS	SNOWBERRY	2 GAL.	PER PLANS
Z+Z		VACCINIUM OVATUM	EVERGREEN HUCKLEBERRY	5 GAL.	PER PLANS
•		VACCINIUM PARVIFOLIUM	RED HUCKLEBERRY		PER PLANS



	PLANTING GENERAL NOTES
Note #	Desciption
1	ALL NEWLY PLANTED AND LAWN AREAS SHALL BE IRRIGATED, SEE IRRIGATION PLANS.
2	ALL LAWN AREAS SHALL RECEIVE IMPORT TOPSOIL. REFER TO SPECIFICATIONS FOR SOIL DEPTH, TYPE AND PREPARATION REQUIREMENTS.
3	ALL PLANTED AREAS SHALL RECEIVE IMPORT TOPSOIL. REFER TO SPECIFICATIONS FOR SOIL TYPE AND PREPARATION REQUIREMENTS.
4	MULCH ALL PLANTING AREAS. REFER TO SPECIFICATIONS FOR MULCH TYPE AND DEPTH.
5	ALL PLANT MATERIAL MUST BE REVIEWED IN THE FIELD, AND APPROVED BY THE LANDSCAPE ARCHITECT PRIOR TO PLANTING
6	THE CONTRACTOR SHALL STAKE ALL TREE LOCATIONS IN THE FIELD PRIOR TO PLANTING. TREE LOCATIONS ARE SUBJECT TO MODIFICATION BY LANDSCAPE ARCHITECT.
7	ALL TREE LOCATIONS MUST BE APPROVED BY THE LANDSCAPE ARCHITECT PRIOR TO PLANTING.
8	STAKE ALL DECIDUOUS TREES. REFER TO DETAIL(S).
9	GUY ALL CONIFEROUS TREES. REFER TO DETAIL(S).
10	ALL PLANTS SHALL BE LAID OUT IN THE FIELD PER THE PLANS, TRIANGULAR SPACING UNLESS OTHERWISE NOTED. LAYOUT SHALL BE APPROVED BY THE LANDSCAPE ARCHITECT PRIOR TO PLANTING.
11	PLANT QUANTITIES SHOWN ON PLANS TAKE PRECEDENT OVER PLANT QUANTITIES PROVIDED IN PLANT SCHEDULE.
12	IT IS THE CONTRACTOR'S RESPONSIBILITY TO PROVIDE ADEQUATE PLANTING TO MEET SPACING REQUIREMENTS AND PLANT LAYOUT SHOWN.
13	ALL PLANTING AREA FINISH GRADES (TOP OF MULCH) SHALL BE 1" BELOW ADJACENT PAVED SURFACES UNLESS NOTED OR DIRECTED OTHERWISE.
14	EXISTING TREE PROTECTION MEASURES SHALL TAKE PRECEDENCE OVER SOIL PREPARATION AND PLANTING REQUIREMENTS. NOTIFY LANDSCAPE ARCHITECT OF ANY DISCREPANCIES IMMEDIATELY. WHERE A DISCREPANCY EXISTS, SOIL PREPARATION AND PLANTING WITHIN TREE PROTECTION MEASURES SHALL BE ONLY AS APPROVED OR DIRECTED BY THE LANDSCAPE ARCHITECT.



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SHEET NAME: PLANTING NOTES AND SCHEDULES

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L400



Bridle Neighbor Stranger 140 City of 4432 140

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SET ISSUE DATE: 03.31.2022

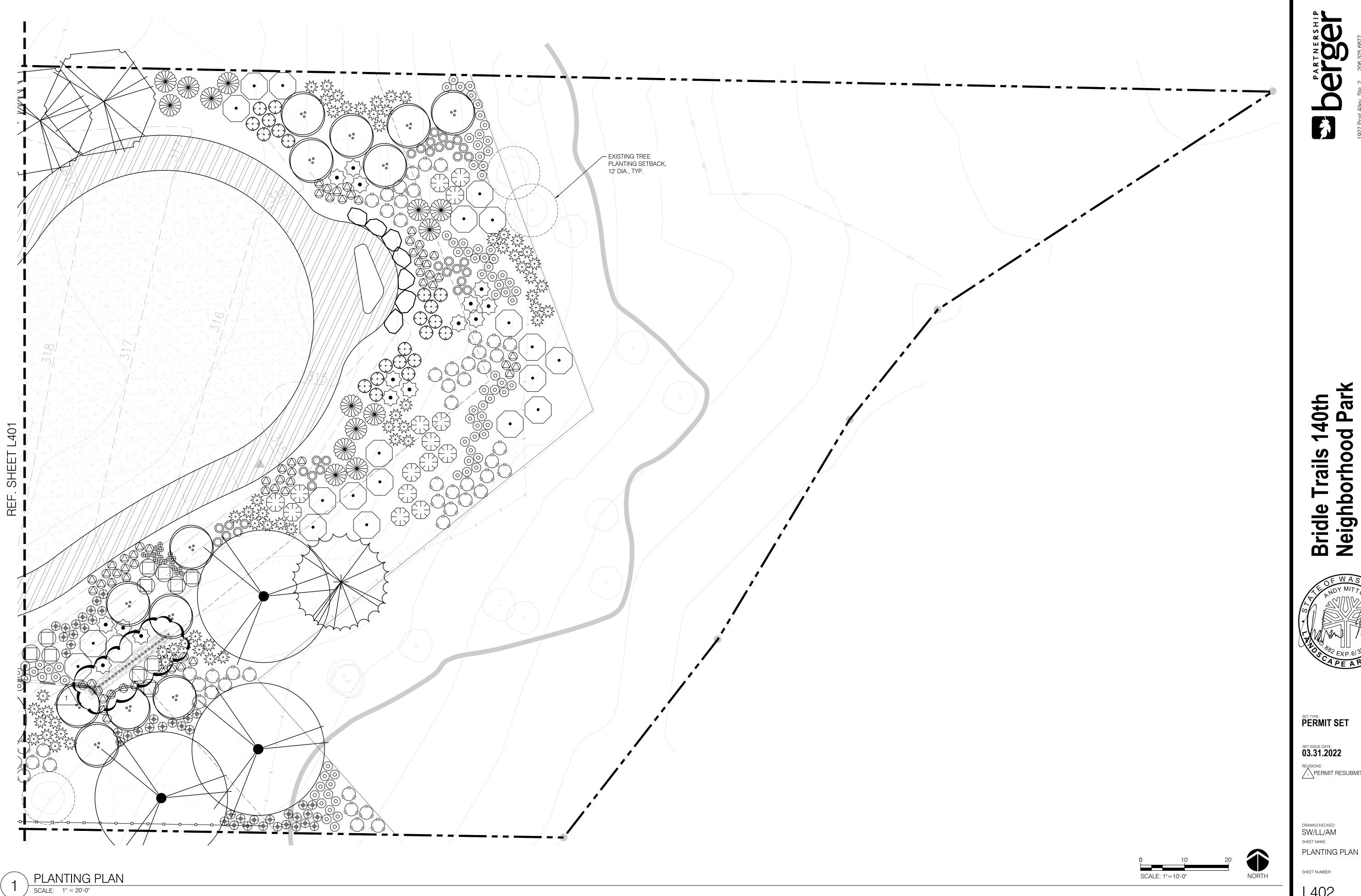
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SHEET NAME:
PLANTING PLAN

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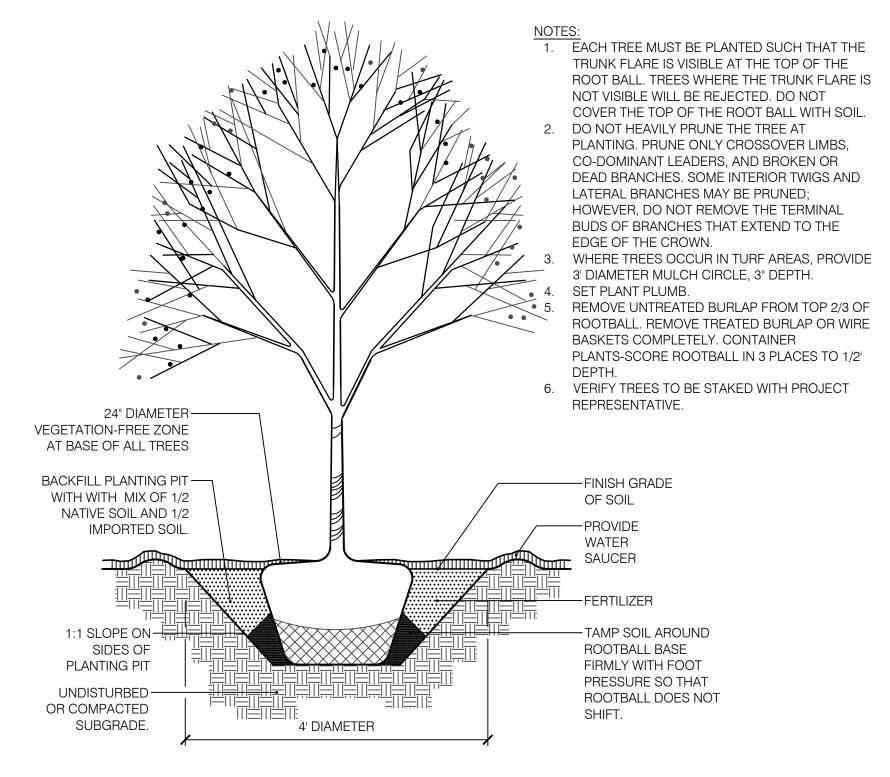




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L402



DECIDUOUS TREE PLANTING

ZONE B ZONE A EXISTING TREE — CONSTRUCTION ATTACH ORANGE — ACTIVITY LIMITED WITHIN DRIPLINE CONSTRUCTION FENCE OF TREE UNLESS AS NOTED. SECURELY TO POSTS 2"X4" WOOD OR — STEEL FENCE POST EXISTING GRADE —

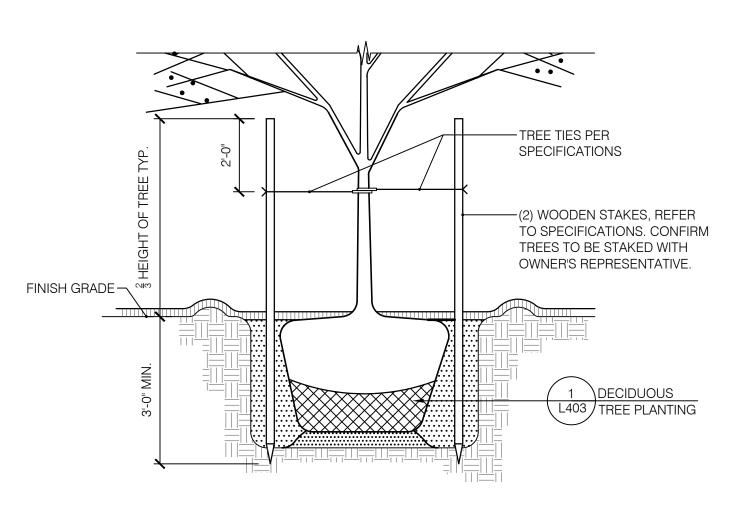
HALF THE AREA OF ZONE B (HALF THE AREA FROM THE TRUNK TO THE DRIPLINE)

NO HEAVY EQUIPMENT TRAFFIC. NO STACKING OF MATERIALS OR SUPPLIES. ROOTS ABOVE 1" SHOULD BE CUT CLEAN BACK TO LATERALS WHERE POSSIBLE. HAND DIGGING REQUIRED TO 3' DEPTH. TUNNELING REQUIRED BELOW 3' DEPTH. NO GRADE CHANGES. HAND DIGGING WORK SHALL PROCEED SLOW ENOUGH THAT ANY ROOTS GREATER THAN 1/4" ARE CLEANLY CUT WITH HAND PRUNERS AND THAT ANY ROOTS GREATER THAN 1.5" ARE CAREFULLY EXPOSED WITHOUT DAMAGING THE BARK AND TUNNELED UNDERNEATH.

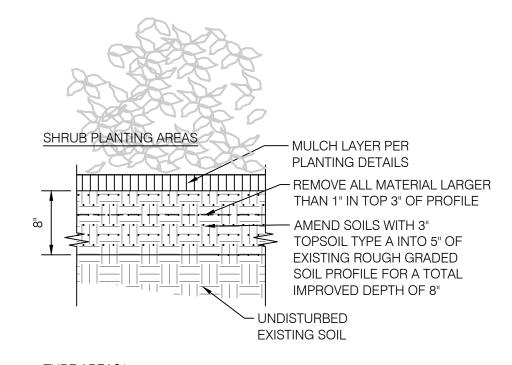
ZONE B: THE AREA FROM THE TRUNK TO THE DRIPLINE (EDGE OF CANOPY)

NO HEAVY EQUIPMENT TRAFFIC ON ROOTS. NO STACKING OF MATERIALS. APPLY 6"LAYER OF WOOD CHIP MULCH. NO SEVERANCE OF ROOTS OVER 1.5" IN DIAMETER UNLESS APPROVED BY HEAD GARDENER OR A CERTIFIED ARBORIST. HAND DIGGING OR HAND GUIDED TRENCHER. LIMIT TRENCH WIDTH. ANY ROOTS ABOVE 1" SHOULD BE CUT CLEAN BACK TO LATERALS WHERE POSSIBLE. MINIMIZE GRADE CHANGE. INSTALL 6' FABRIC FENCE AROUND PERIMETER.

EXISTING TREE PROTECTION



DECIDUOUS TREE STAKING



TURF AREAS* - REMOVE ALL MATERIAL LARGER THAN 1" IN TOP 3" OF PROFILE - AMEND SOILS WITH 3" TOPSOIL TYPE B INTO 5" OF EXISTING ROUGH GRADED SOIL PROFILE FOR A TOTAL IMPROVED DEPTH OF 8" - UNDISTURBED **EXISTING SOIL** * AT AREAS INDICATED TO RECEIVE

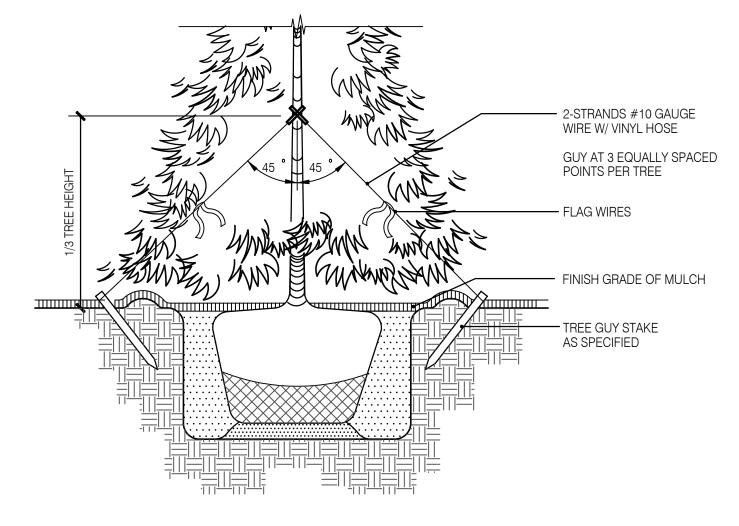
HYDROSEED THAT ARE NOT IMPACTED BY CONSTRUCTION ACTIVITY, DO NOT AMEND/TILL. HARD RAKE PRIOR TO HYDROSEEDING.

— 12" MIN TOPSOIL TYPE C SCARIFY SUBGRADE 4" MIN. REMOVE ALL MATERIAL LARGER THAN 1". UNDISTURBED

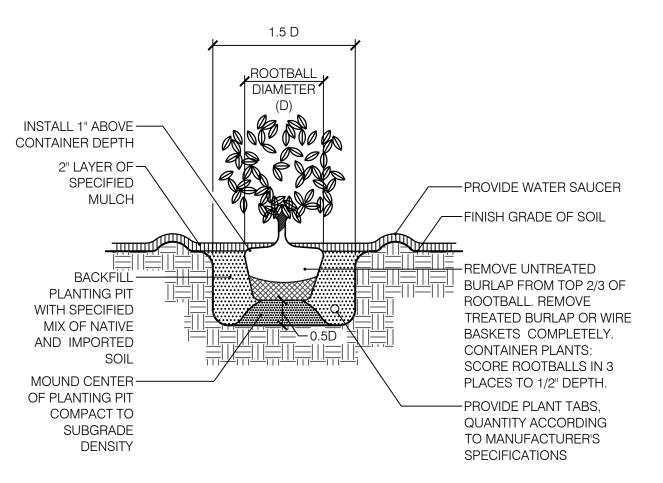
EXISTING SOIL

SOIL AMENDMENTS

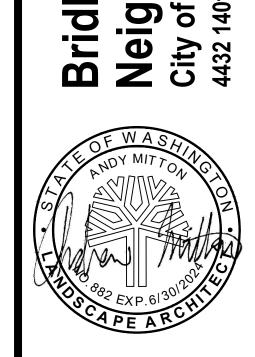
FIELD AREA



CONIFER TREE PLANTING AND STAKING SCALE: 1/2" = 1'-0"







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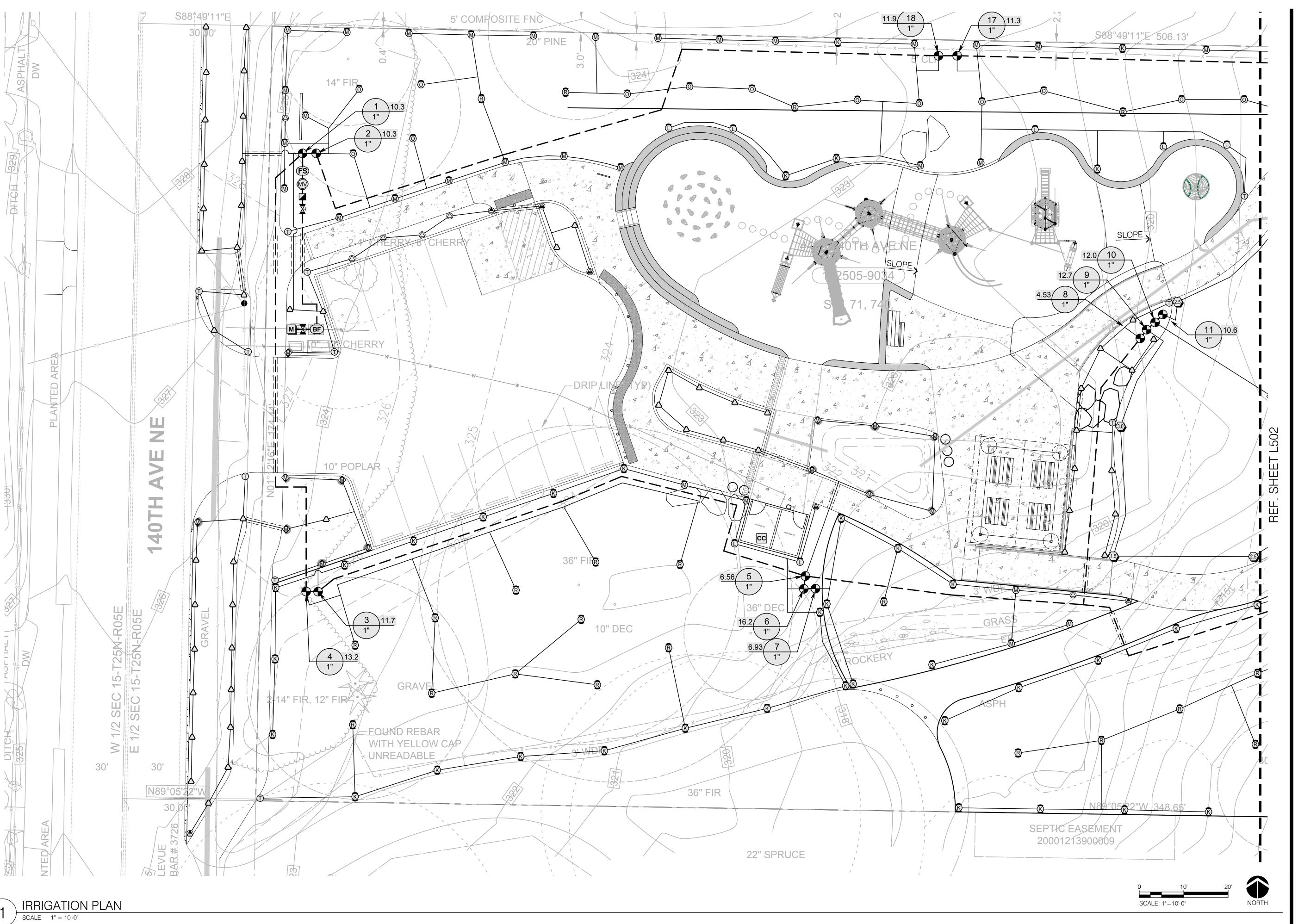
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PLANTING DETAILS

SHEET NUMBER:



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RENTON, WA 98059-8819
ph. (425) 881-2426
cll. (206) 335-7719
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Bridle City of Be City

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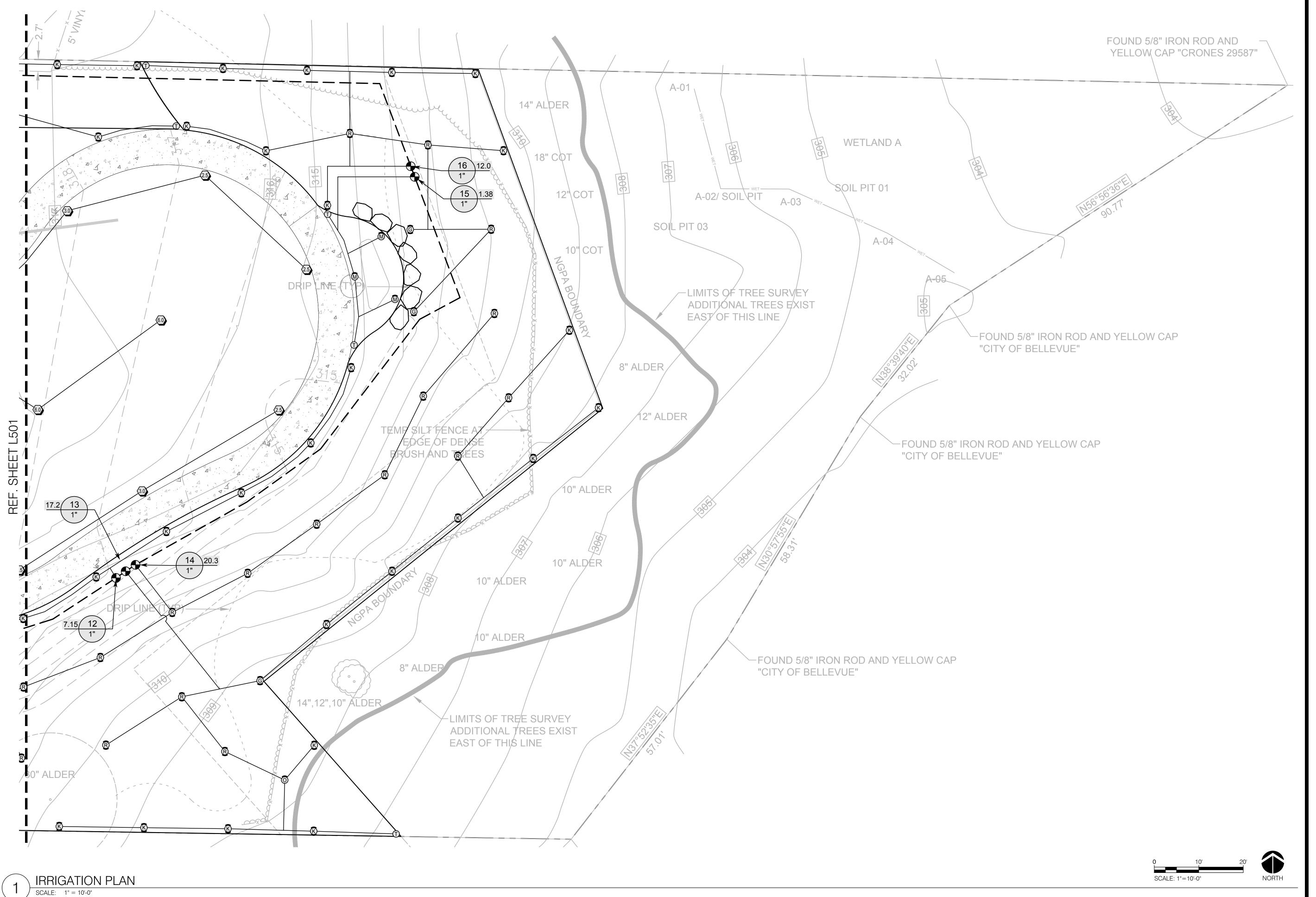
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SHEET NAME:
IRRIGATION PLAN

SHEET NUMBER:

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1 Dergership

Trails Park BridleCity of Be



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L502

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40 PSI, MP ROTATOR NOZZLE.

ON PRS40 BODY.

M=MAROON AND GRAY ADJ ARC 90 TO

210, L=LIGHT BLUE AND GRAY 210 TO

270 ARC, O=OLIVE AND GRAY 360 ARC

40

AT POINT OF EASY ACCESS. OWNER'S REPRESENTATIVE TO & AUTOMATIC CONTROL VALVES PRIOR TO INSTALLATION.

8. ALL IRRIGATION SLEEVING TO BE STAKED IN THE FIELD &

11. ALL IRRIGATION SLEEVES SHALL BE TWICE THE DIAMETER OF

12. PVC MAINLINE LOCATIONS ARE SCHEMATIC. NO BENDING OF MAINLINE PIPE. VALVE MANIFOLDS SHALL BE ONLY ON STRAIGHT

13. AIR BLOW IRRIGATION SYSTEM THROUGH QUICK COUPLERS TO WINTERIZE IRRIGATION SYSTEM.

14. PIPES TO SHARE TRENCHES WHERE POSSIBLE. SEPARATE

15. WHERE PIPE SIZES ARE NOT SHOWN ON THE PLAN, PIPE SHALL BE SIZED TO THE NEXT LARGEST PIPE SIZE SHOWN

16. WHEN TRENCHING OCCURS AROUND TREES TO REMAIN. THE TREE ROOTS SHALL NOT BE CUT, BUT THE PIPE SHALL BE TUNNELED UNDER OR AROUND THE ROOTS BY CAREFUL HAND-DIGGING & TO AVOID INJURY TO THE ROOTS.

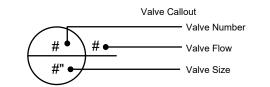
17. LETTERS ON PIPING SHALL BE ROTATED TO FACE UP.

19. IRRIGATION HEAD NEAR PATHS SHALL HAVE A SPRINKLER SAVER HEAD DONUT AVAILABLE FROM SPRINKLERSAVER.COM (305) 822-3223

20. IRRIGATION CONTROLLER SHALL BE AVAILABLE FROM HD

21. PROVIDE SHOP DRAWING OF MAXICOM WALL MOUNT W/ FLOW SENSORS, CONTROLLERS, CCU, TP1A SIDE MOUNT ANTENNA, CALAMP VANGUARD 3000 (VANGUARD 3000-DR-140-7230-000), DATA REMOTE INC. HOCKEY PUCK ANTENNA, ETC.

SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	<u>PSI</u>	SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	<u>PSI</u>	<u>GPM</u>	RADIUS	SYMBOL	MANUFACTURER/MODEL/DESCRIPTION
Ф	HUNTER MP CORNER PROS-12-CV SHRUB ROTATOR, 12" POP-UP WITH FACTORY INSTALLED CHECK VALVE,	40	(1.5)	RAIN BIRD 5006-PL-PC, FC-SAM-SS TURF ROTOR, 6.0" POP-UP, STAINLESS STEEL RISER. ADJUSTABLE AND FULL	45	1.54	35'	•	WEATHERMATIC 8200CR-XPR BRASS REMOTE CONTROL VALVE WITH PRESSURE REGULATOR
	PRESSURE REGULATED TO 40 PSI, MP ROTATOR NOZZLE. T=TURQUOISE ADJ ARC 45-105 ON PRS40 BODY.			CIRCLE. STANDARD ANGLE NOZZLE AND FLOW SHUT-OFF DEVICE. WITH SEAL-A-MATIC CHECK VALVE.				∠	BUCKNER QB5 LRC-10 1" QUICK COUPLER VALVE 2" MUELLER CURB STOP ISOLATION VALVE
A COLOR	HUNTER MP STRIP PROS-12-CV SHRUB ROTATOR, 12" POP-UP WITH FACTORY INSTALLED CHECK VALVE, PRESSURE REGULATED TO 40 PSI, MP	40	2.5	RAIN BIRD 5006-PL-PC, FC-SAM-SS TURF ROTOR, 6.0" POP-UP, STAINLESS STEEL RISER. ADJUSTABLE AND FULL CIRCLE. STANDARD ANGLE NOZZLE AND FLOW SHUT-OFF DEVICE. WITH	45	2.51	37'		WEATHERMATIC 8200CR-XPR 1-1/2" BRASS REMOTE CONTROL VALVE WITH PRESSURE REGULATOR
	ROTATOR NOZZLE. LST=IVORY LEFT STRIP, SST=BROWN SIDE STRIP, RST=COPPER RIGHT STRIP, ON PRS40 BODY.			SEAL-A-MATIC CHECK VALVE. RAIN BIRD 5006-PL-PC, FC-SAM-SS				BF	WILKINS 950XLU 1-1/2" 2" DOUBLE CHECK BACKFLOW PREVENTION WITH UNION END BALL VALVES.
⋒ □ ⊚	HUNTER MP1000 PROS-12-CV SHRUB ROTATOR, 12" POP-UP WITH CHECK VALVE, PRESSURE REGULATED TO 40 PSI, MP ROTATOR NOZZLE. M=MAROON ADJ ARC 90 TO 210, L=LIGHT BLUE 210 TO 270 ARC, O=OLIVE 360 ARC ON PRS40 BODY.	40	3.0	TURF ROTOR, 6.0" POP-UP, STAINLESS STEEL RISER. ADJUSTABLE AND FULL CIRCLE. STANDARD ANGLE NOZZLE AND FLOW SHUT-OFF DEVICE. WITH SEAL-A-MATIC CHECK VALVE. RAIN BIRD 5006-PL-PC, FC-SAM-SS TURF ROTOR, 6.0" POP-UP, STAINLESS	45	3.09	40'	cc	RAIN BIRD ESP-40SITE-W 40 STATION FIELD SATELLITE CONTROLLER FOR MAXICOM ONLY. COMBINES POWER OF A CCU WITH CAPABILITIES OF A SINGLE ESP SATELLITE CONTROLLER FOR SMALL MAXICOM SITES. STAINLESS STEEL
KGR	HUNTER MP2000 PROS-12-CV SHRUB ROTATOR, 12" POP-UP WITH CHECK VALVE, PRESSURE REGULATED TO 40 PSI, MP ROTATOR NOZZLE. K=BLACK ADJ ARC 90-210, G=GREEN ADJ ARC	40	6.0	STEEL RISER. ADJUSTABLE AND FULL CIRCLE. STANDARD ANGLE NOZZLE AND FLOW SHUT-OFF DEVICE. WITH SEAL-A-MATIC CHECK VALVE.	4 5	6.01	46'	(FS)	PEDESTAL. METAL WALL MOUNT. SEE CONTROLLER DETAILS ON SHEET L-1.5. FLOW SENSOR DATA INDUSTRIAL IR 220 P WATER METER 1-1/2"
	210-270, R=RED 360 ARC ON PRS40 BODY.								IRRIGATION LATERAL LINE: PVC SCHEDULE
△ △ A DJ. 360	HUNTER MP800SR PROS-12-PRS40-CV SHRUB ROTATOR, 12.0" POP-UP WITH CHECK VALVE, PRESSURE REGULATED TO 40 PSI, MP ROTATOR NOZZLE ON PRS40 BODY. OR = ORANGE ADJ ARC 90 TO	40					_		PVC SCHEDULE 40 IRRIGATION PIPE. ONLY LATERAL TRANSITION PIPE SIZES 1" AND ABOVE ARE INDICATED ON THE PLAN, WITH ALL OTHERS BEING 3/4" IN SIZE.
	210. HUNTER MP815 PROS-12-PRS40-CV						_		IRRIGATION MAINLINE: PVC SCHEDULE 40 PVC SCHEDULE 40 IRRIGATION PIPE.
0.00	SHRUB ROTATOR, 12" POP-UP WITH CHECK VALVE, PRESSURE REGULATED TO	40					=		PIPE SLEEVE: PVC SCHEDULE 40



IRRIGATION NOTES:

- PROVIDE AND INSTALL ALL IRRIGATION IN CONFORMANCE WITH THE CITY OF BELLEVUE STANDARDS. IN THE EVENT OF CONFLICT BETWEEN NOTES OR DETAILS AND THESE DOCUMENTS, THE STANDARDS SHALL TAKE PRECEDENCE.
- 2. CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE CODES AND APPROPRIATE SAFETY REGULATIONS.
- 3. DRAWING IS SCHEMATIC, ACTUAL LOCATIONS MAY VARY DUE TO UTILITIES OR EXISTING CONDITIONS. CONTRACTOR IS RESPONSIBLE FOR LOCATING UTILITIES PRIOR TO BEGINNING CONSTRUCTION.
- EXISTING PRESSURE IS 88 P.S.I. PRIOR TO INSTALLATION OF IRRIGATION SYSTEM, CONTRACTOR SHALL FIELD VERIFY EXISTING P.S.I. NOTIFY OWNER'S REPRESENTATIVE OF ANY DISCREPANCIES BETWEEN THE DESIGN P.S.I. PRIOR TO PROCEEDING W/ WORK.
- 5. SEE IRRIGATION SCHEDULE FOR HEAD DESIGN PRESSURES.
- LOCATE QUICK COUPLING VALVE & AUTOMATIC CONTROL VALVES REVIEW & APPROVE FINAL LOCATION OF ALL QUICK COUPLERS
- 7. HEAD LOCATION MUST BE ADJUSTED IN THE FIELD TO COMPLY W/ EXISTING SITE CONDITIONS AND PLANT MATERIALS. ADJUST SPRAY PATTERN FOR MAXIMUM COVERAGE.
- LOCATED ON DIMENSIONED "AS-BUILT" DRAWING TO ALLOW FUTURE LOCATION & USE.
- THE INSERT PIPE(S). SLEEVES SHALL NOT EXCEED 6" DIAMETER.
- RUNS.
- COMMON PIPING BY 6" MIN.

- 18. ALL WIRES TO CONTROLLER SHALL BE NEW.
- FOWLER. CONTACT IVAN RAMSEY 425-864-1256.



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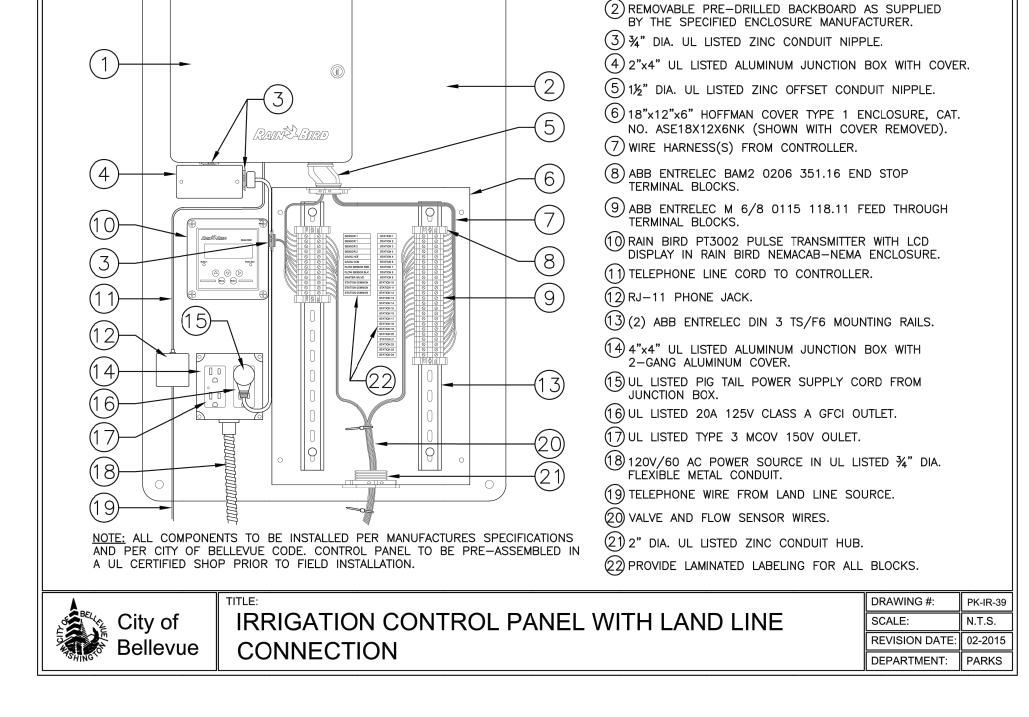
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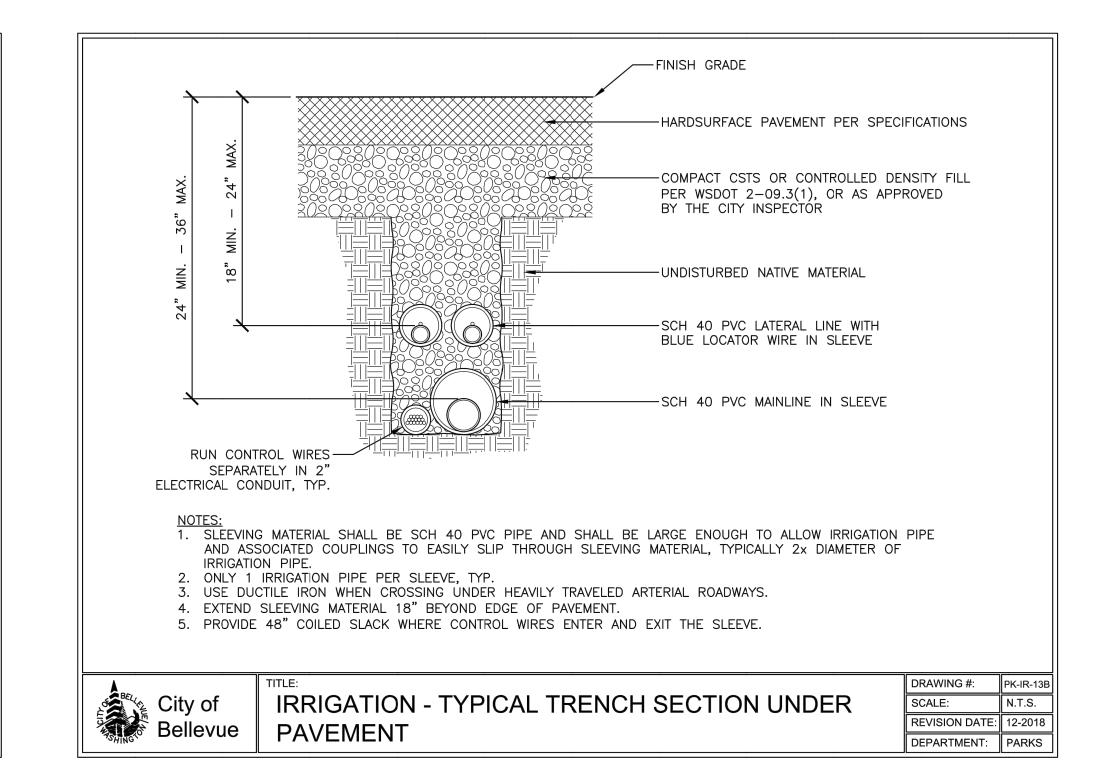
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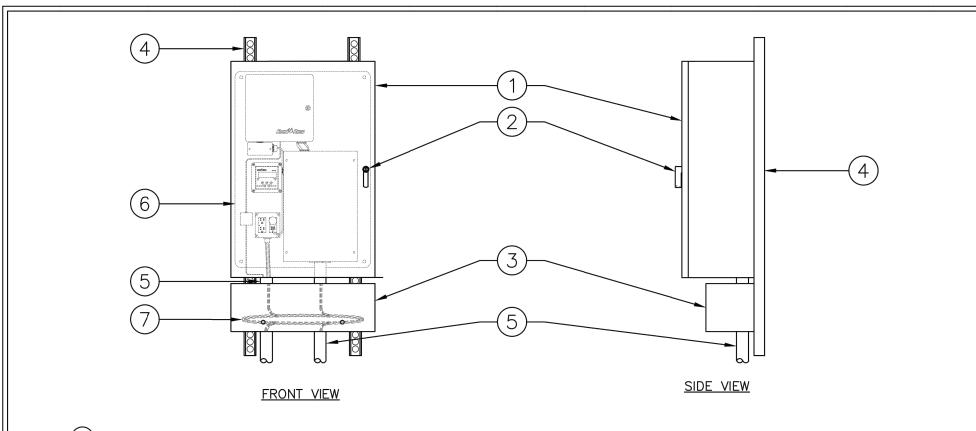
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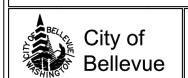
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- 1 HOFFMAN MODEL CSD 362412 NEMA TYPE 4 CARBON STEEL WALL MOUNT ENCLOSURE, OR APPROVED EQUAL
- 2) HOFFMAN CWHPTO PADLOCK LATCH, OR APPROVED EQUAL
- (3) HOFFMAN 8x8" NEMA TYPE 4 CARBON STEEL WIRE TROUGH, OR APPROVED EQUAL
- (4) HEAVY GAUGE UNISTRUT CHANNEL, CLAMPS AND HARDWARE FOR MOUNTING ENCLOSURE TO WALL
- 5 ELECTRICAL CONDUIT AS REQUIRED TO BRING POWER, COMMUNICATION AND VALVE WIRES INTO ENCLOSURE AND TROUGH
- (6) CONTROL PANEL PER SPECIFICATIONS
- 7 PROVIDE 48" MIN. COILED SLACK FOR ALL COMMUNICATION AND VALVE WIRES WITHIN TROUGH



TITLE:
IRRIGATION - WALL MOUNT CONTROL ENCLOSURI
- SINGLE CONTROLLER

SCALE: N.T.S. REVISION DATE: 12-2018 DEPARTMENT: PARKS	DRAWING #:	PK-IR-15A	
	SCALE:	N.T.S.	
DEPARTMENT: PARKS	REVISION DATE:	12-2018	
	DEPARTMENT:	PARKS	

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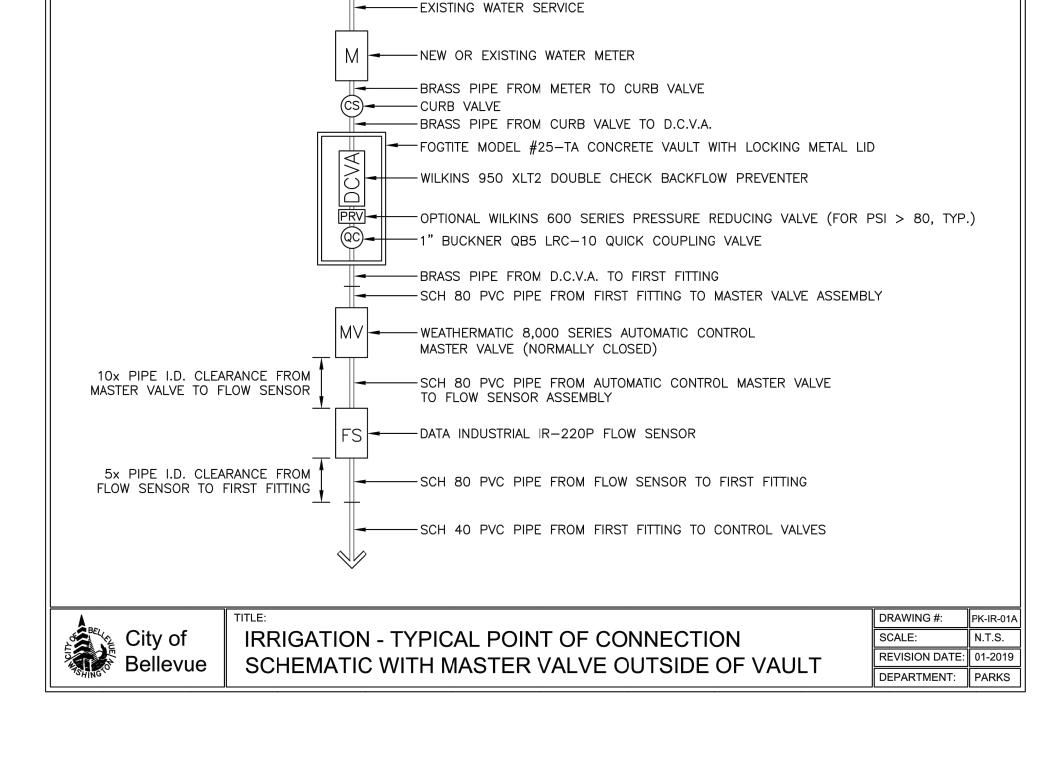
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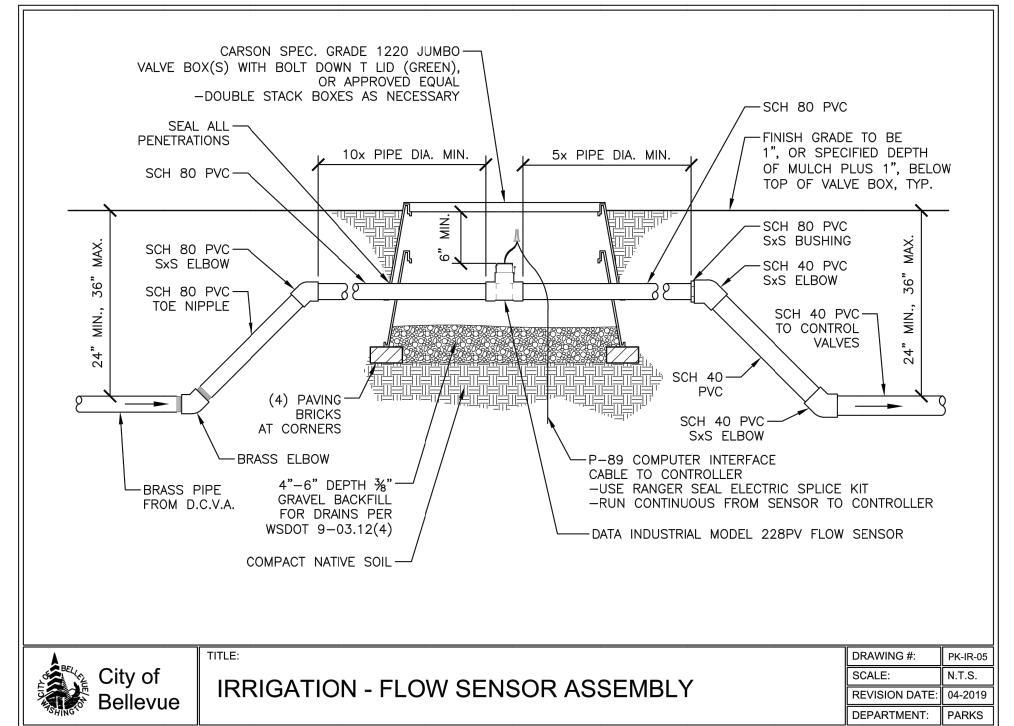
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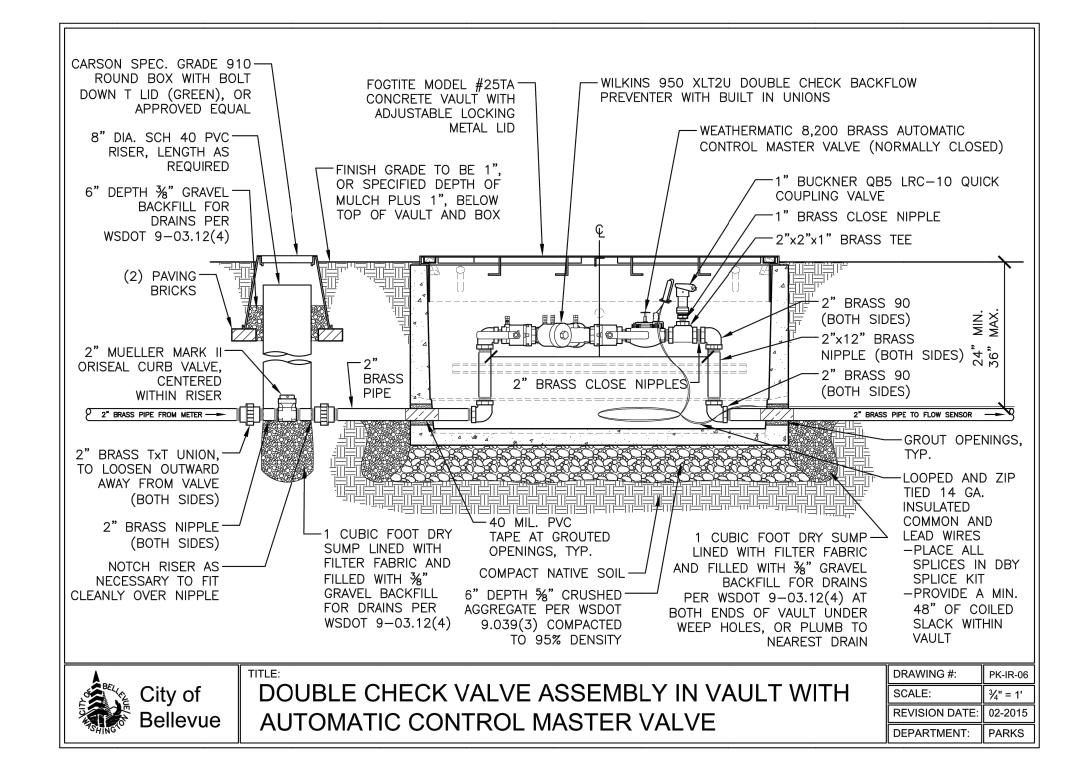
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IRRIGATION DETAILS

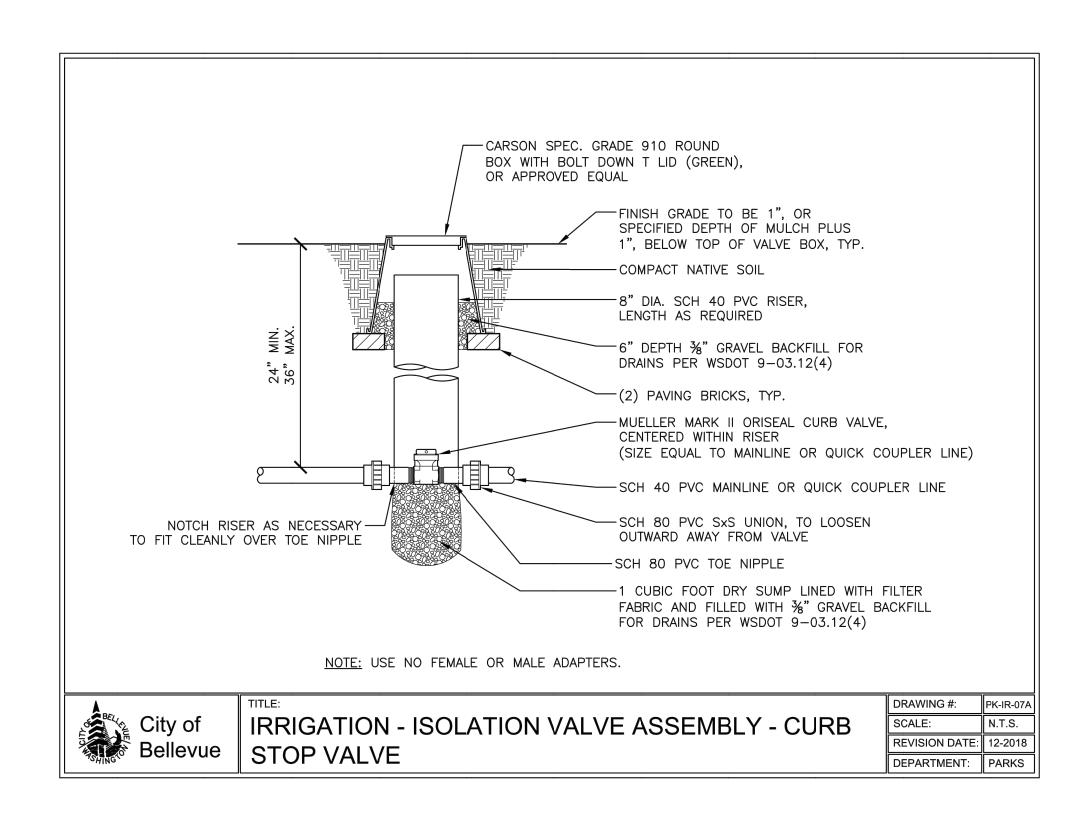
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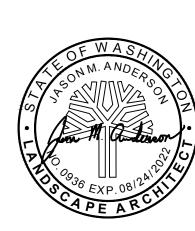




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RENTON, WA 98059-8819
ph. (425) 881-2426
cll. (206) 335-7719
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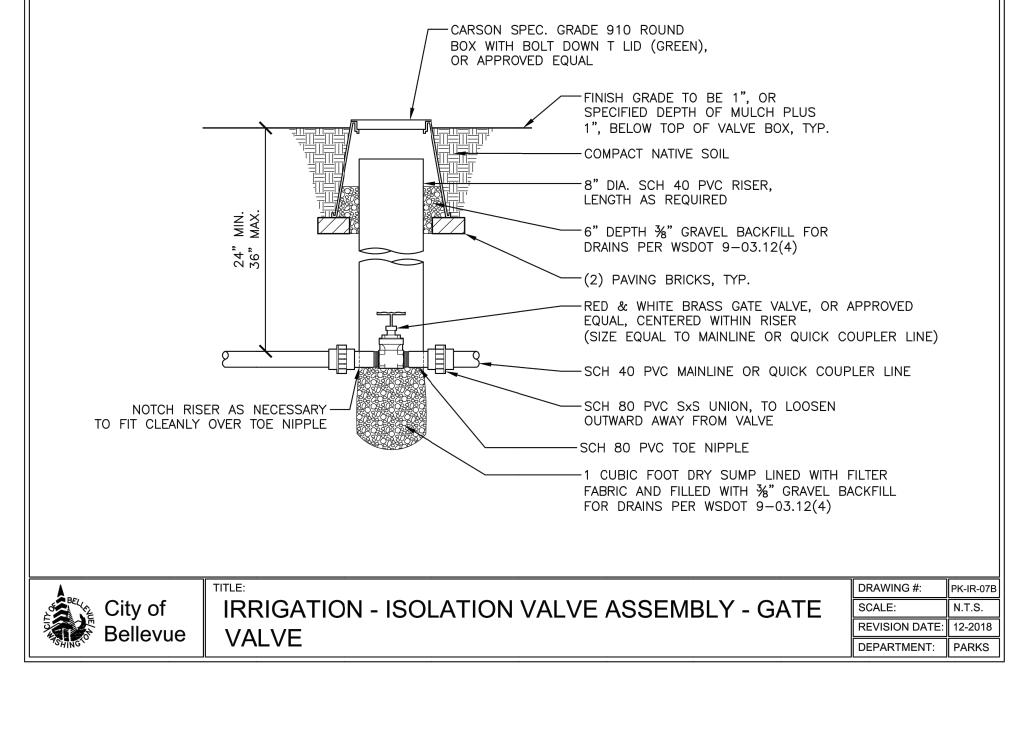
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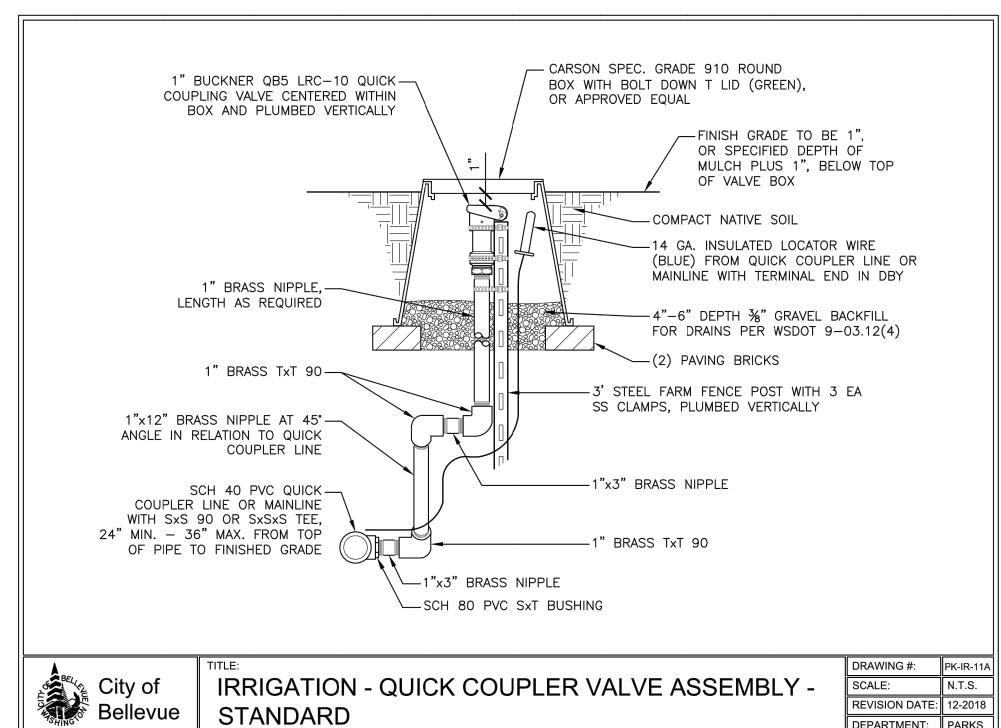
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IRRIGATION DETAILS

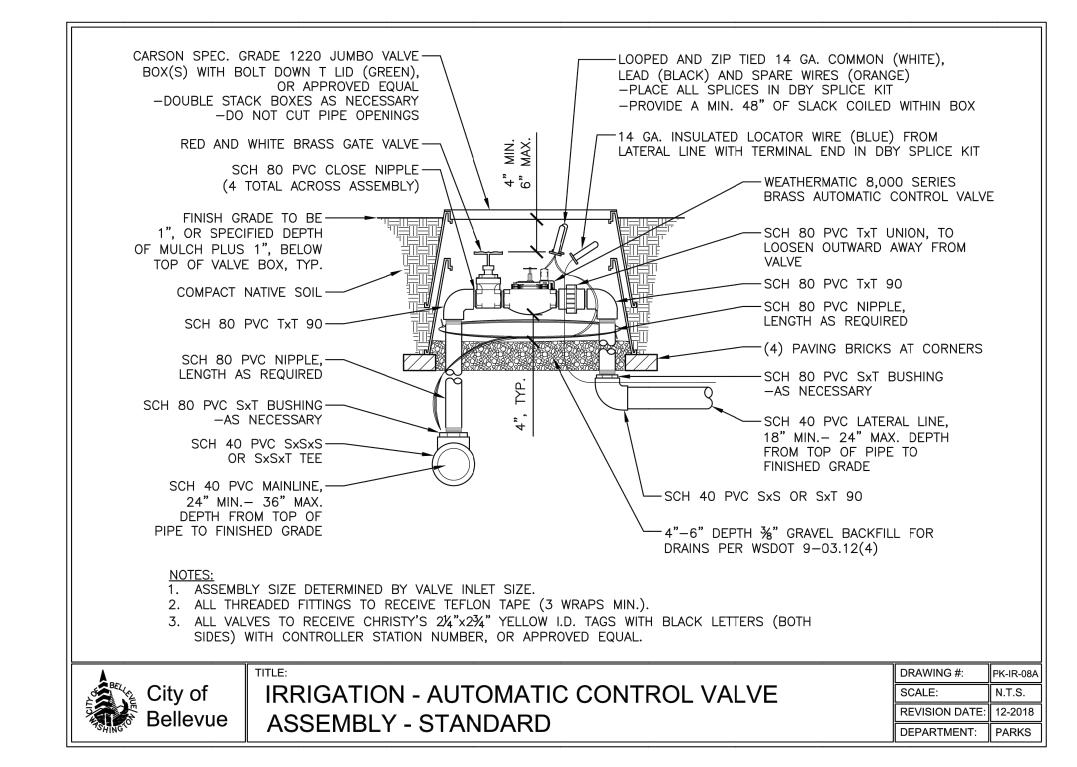
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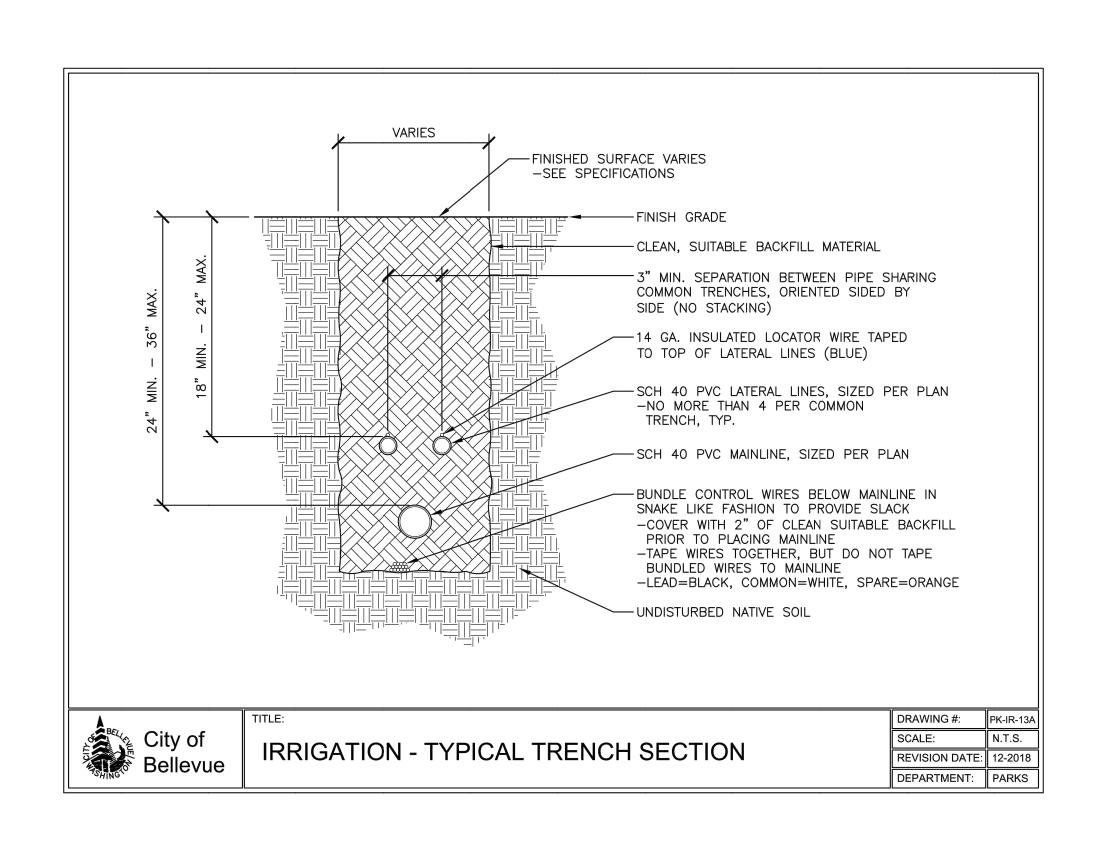
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DEPARTMENT: PARKS





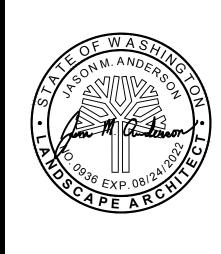


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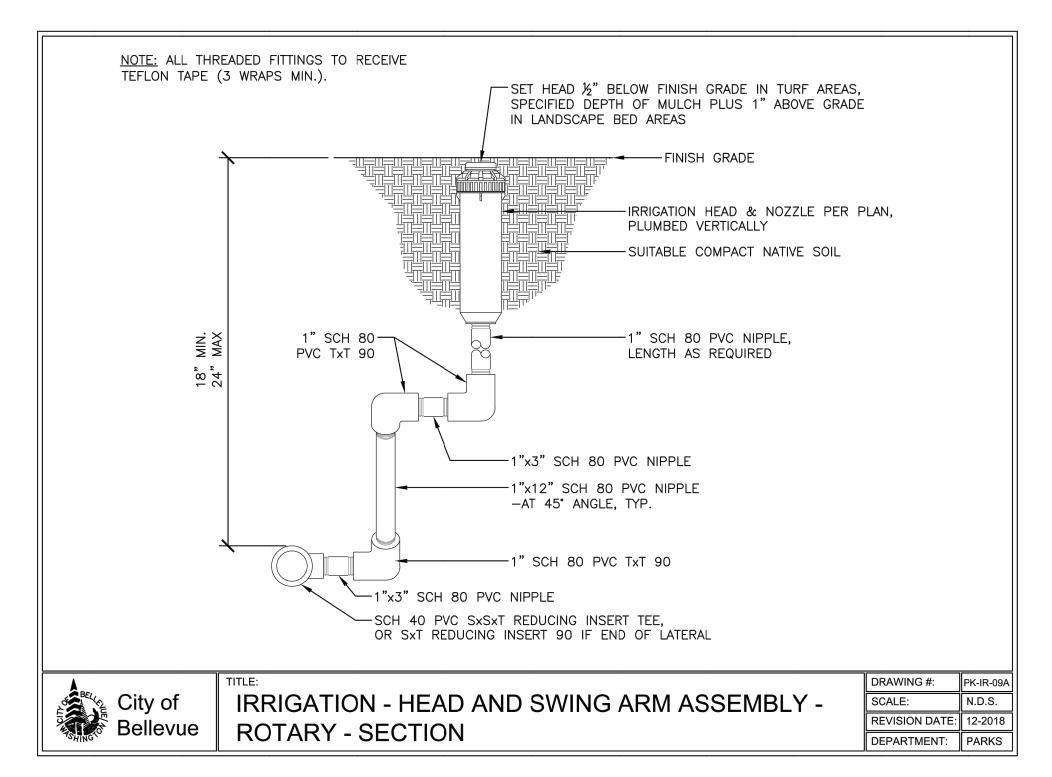
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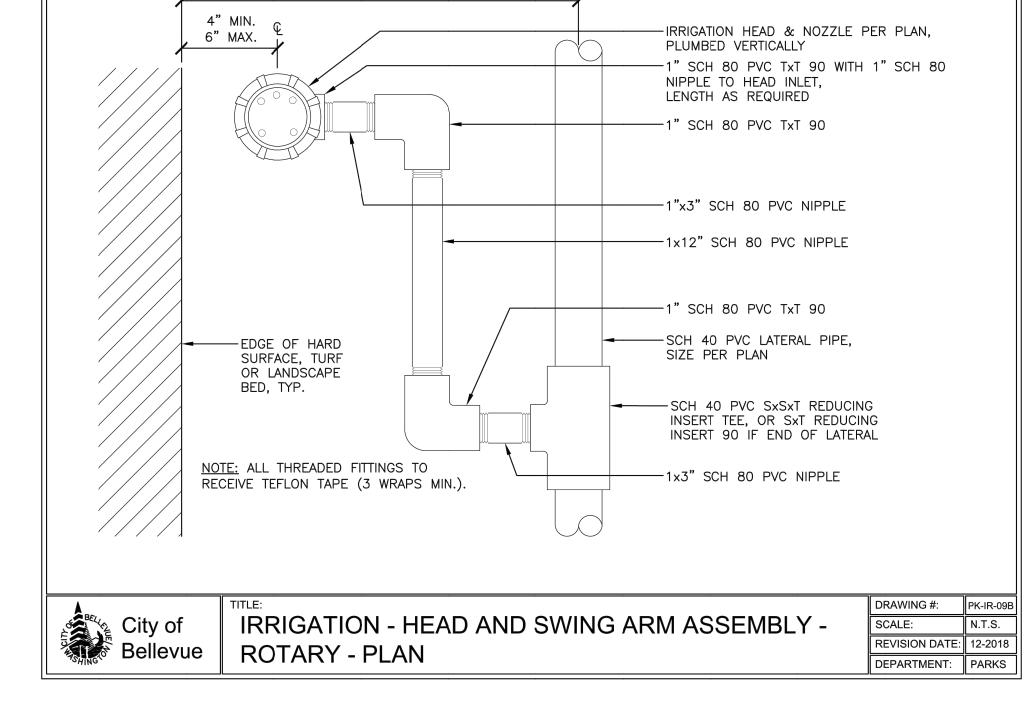
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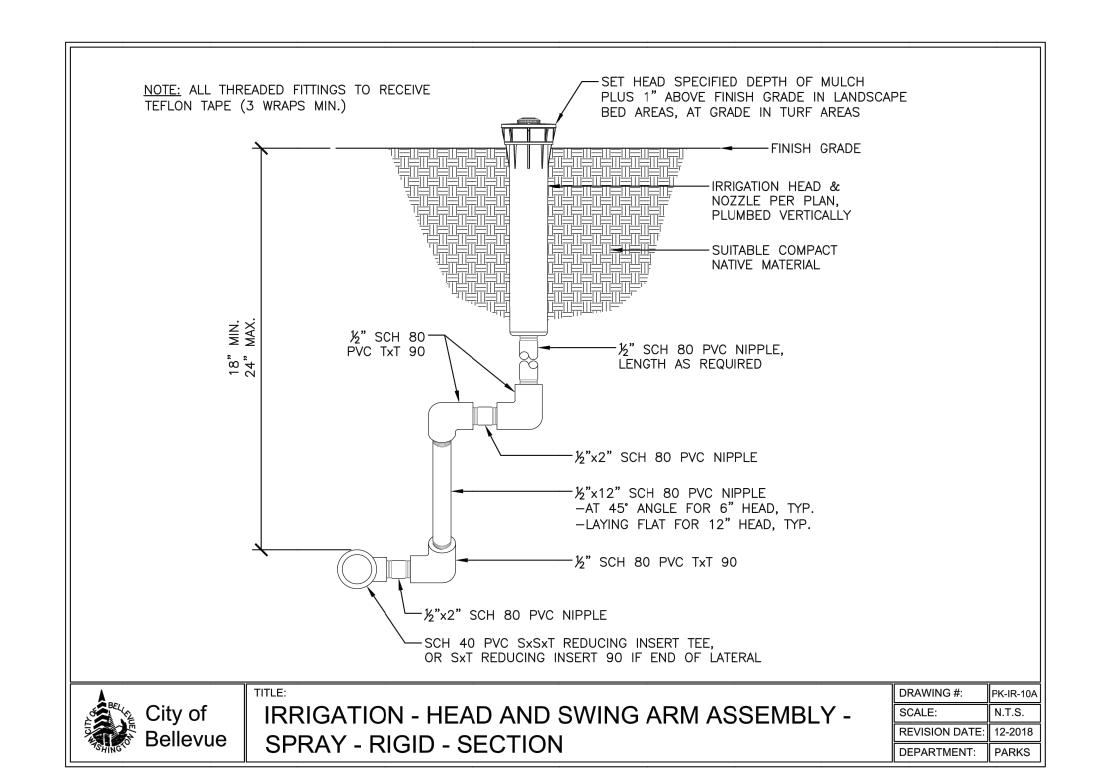
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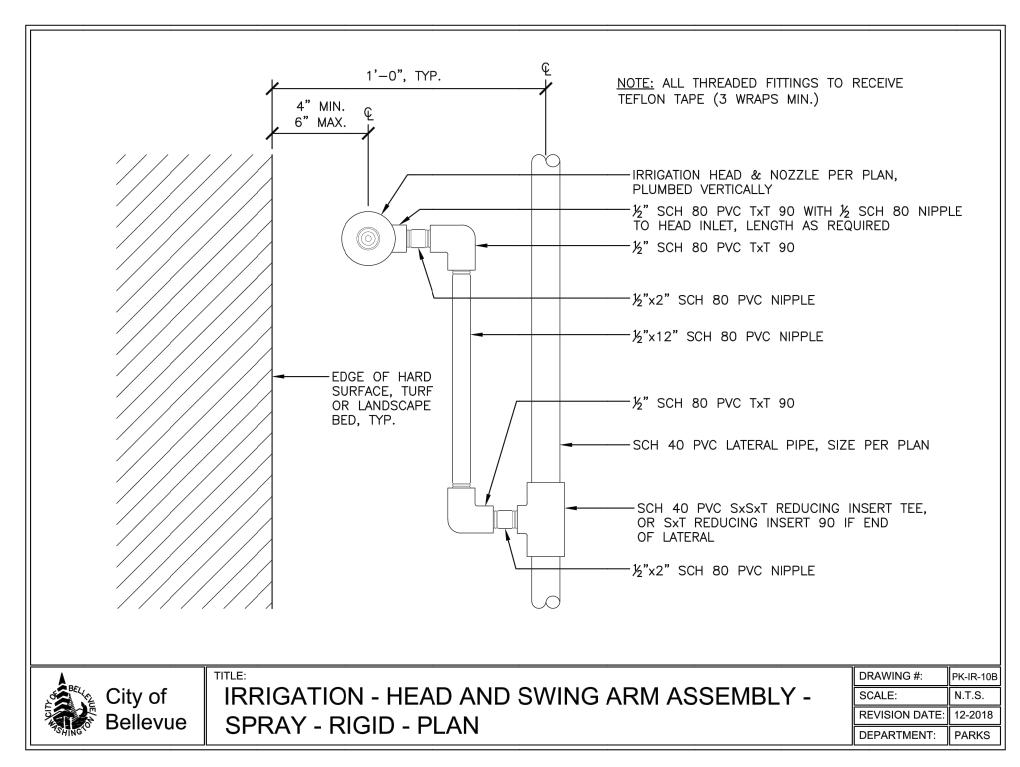
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1'-6", TYP.







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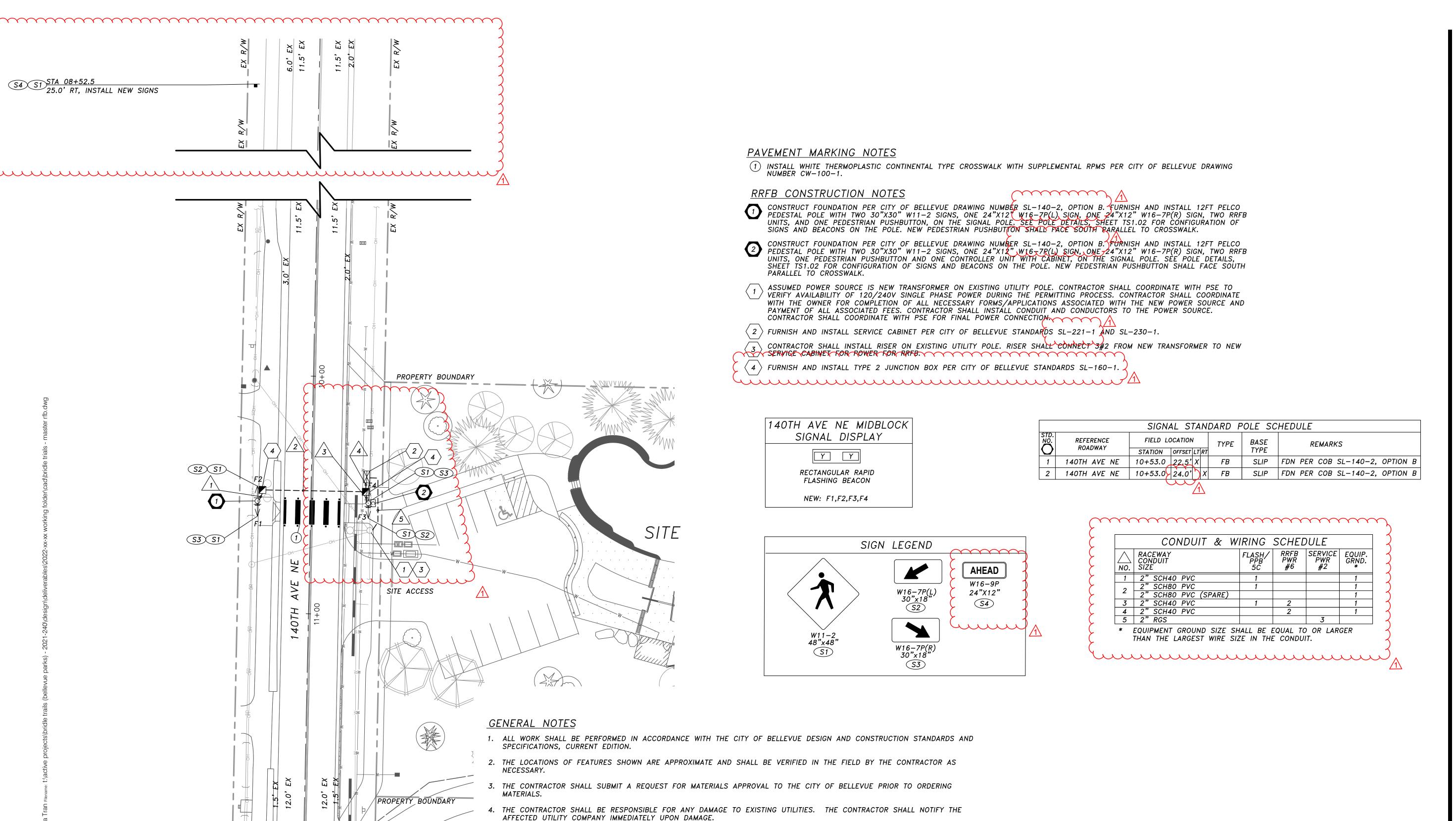
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IRRIGATION DETAILS

SHEET NUMBER:

L507



6. SEE CITY OF BELLEVUE STD. PLANS FOR POLE AND CONDUIT LAYOUT DETAILS, SERVICE CABINET/CONNECTION DETAILS, AND

1. REMOVE EXISTING CONFLICTING STRIPING AS NECESSARY TO ACCOMMODATE NEW STRIPING. CONTRACTOR TO COORDINATE

3. REMOVE ALL PLASTIC PAVEMENT MARKINGS (BY MACHINE GRINDING) AND RPM'S WITHIN ANY ASPHALT OVERLAY LIMITS PRIOR

2. ALL ROAD CHANNELIZATION AND SIGNING SHALL BE PER CITY OF BELLEVUE STANDARD DRAWINGS, CURRENT EDITION.

5. ALL SIGNS INSTALLED ON SQUARE METAL POST SHALL BE INSTALLED PER CITY OF BELLEVUE STANDARD SG-100-1.

5. ALL CONDUIT SHALL BE INSTALLED WITH MIN. 24" COVER.

STRIPING REMOVAL WITH ASPHALT RESTORATION WORK.

PAVEMENT MARKING AND SIGNING GENERAL NOTES

4. REPLACE EXISTING STRIPING WITHIN ANY NEW PAVEMENT OVERLAY AREAS.

7. ALL NEW JUNCTION BOXES SHALL BE NON-SKID.

TO BEGINNING THE OVERLAY.

WIRING DETAILS.

STA 12+62.5 25.0' LT, INSTALL NEW SIGNS S1 S4 STERNISTER STERNISTER

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PERMIT SET

SET ISSUE DATE: 03.31.2022

LEGEND

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PAVEMENT MARKING

CONSTRUCTION NOTE

CONSTRUCTION NOTE

SIGNAL POLE NUMBER

SERVICE CABINET

RRFB SIGNAL POLE & SIGNS

RRFB CONTROLLER CABINET

EXISTING LUMINAIRE POLE

REVISIONS:

A PERMIT RESUBMITTAL 08.03.2022

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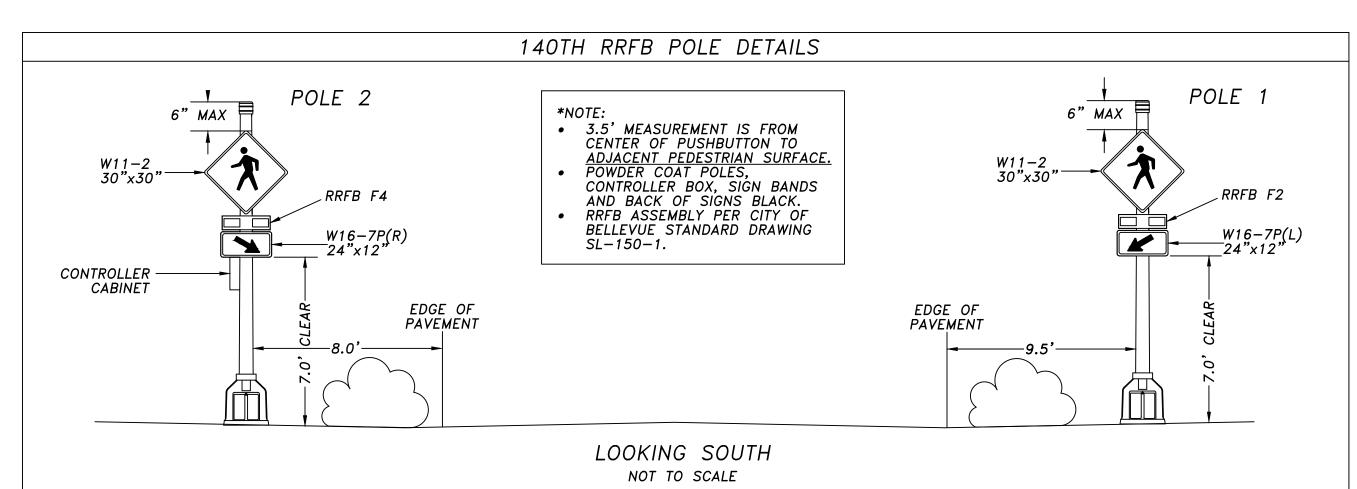
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RRFB SIGNAL PLAN

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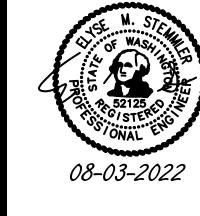
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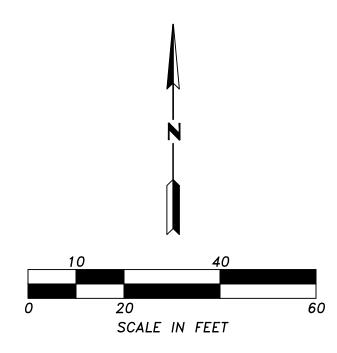
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DMA/VNF
SHEET NAME:

RRFB DETAILS & NOTES

TS1.02

* EXISTING STREET LIGHTING CONDITION FOR 140TH AVE NE.





Bridle City of Be



SET TYPE:
PERMIT SET

SET ISSUE DATE: 03.31.2022

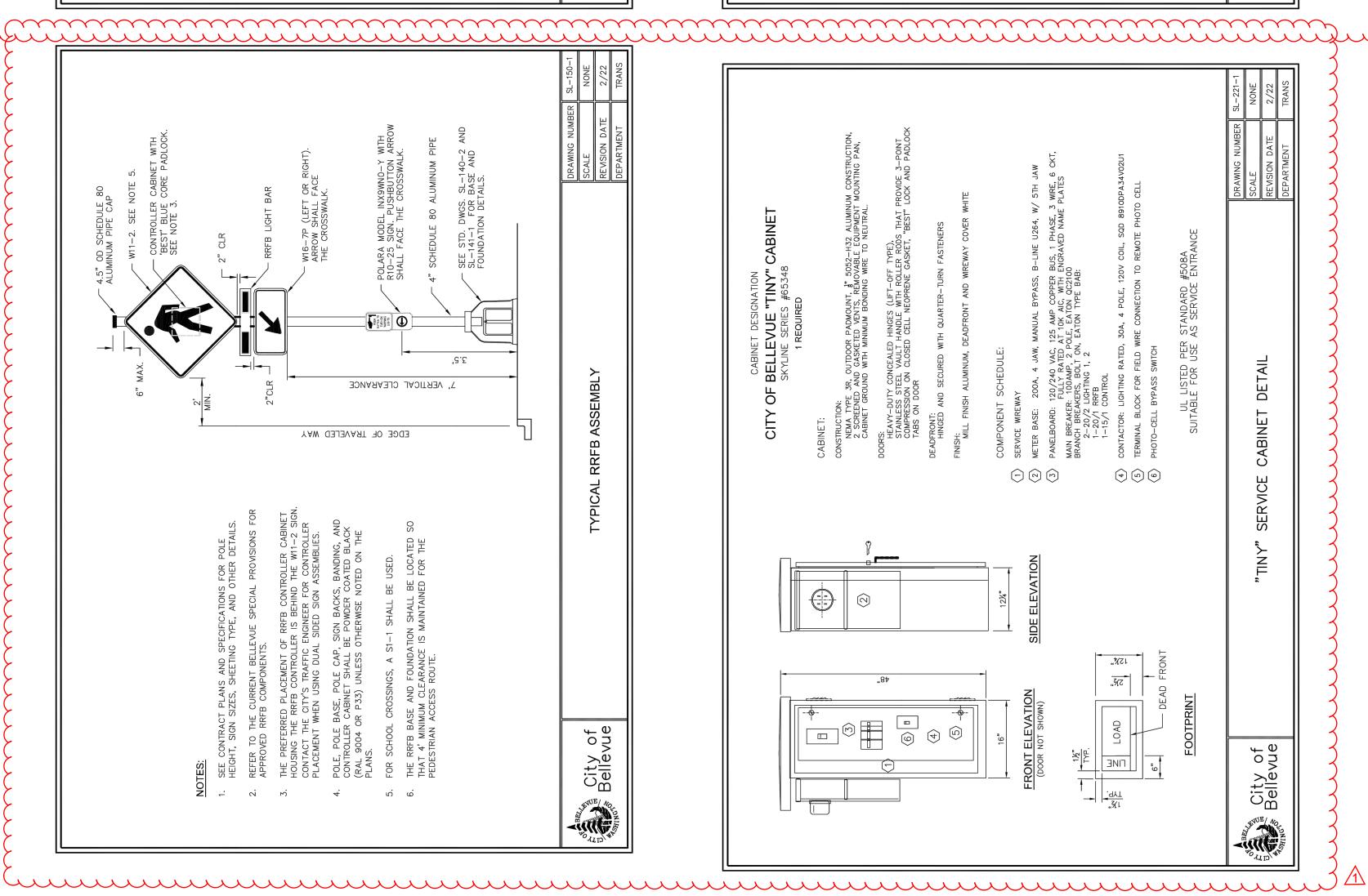
REVISIONS: ⚠ PERMIT RESUBMITTAL 08.03.2022

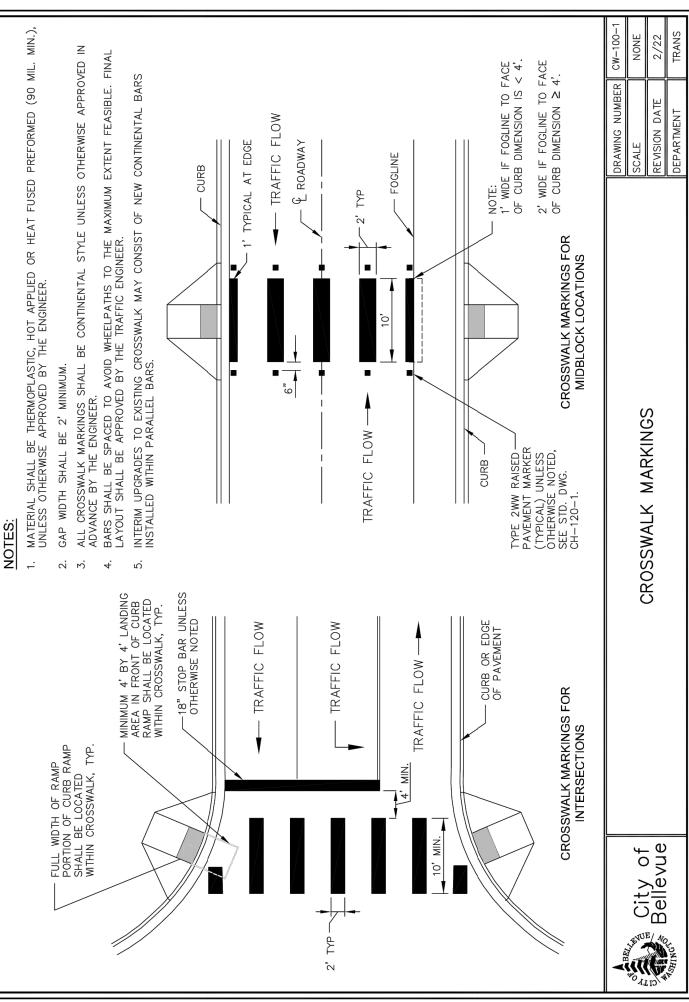
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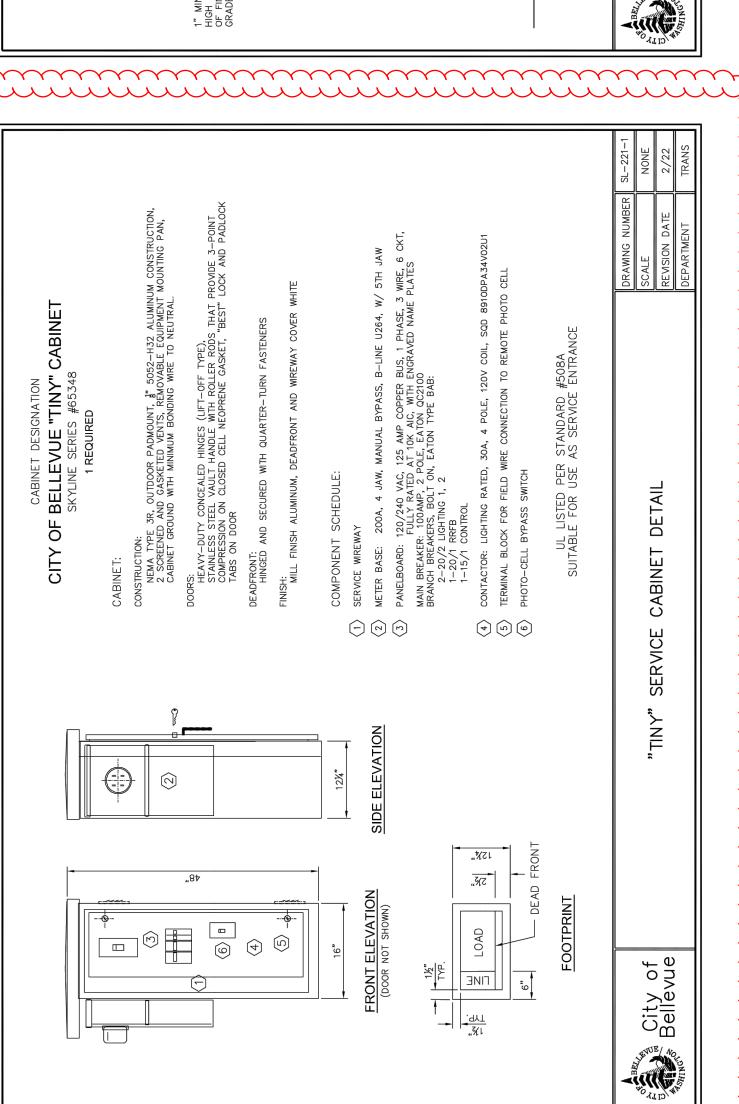
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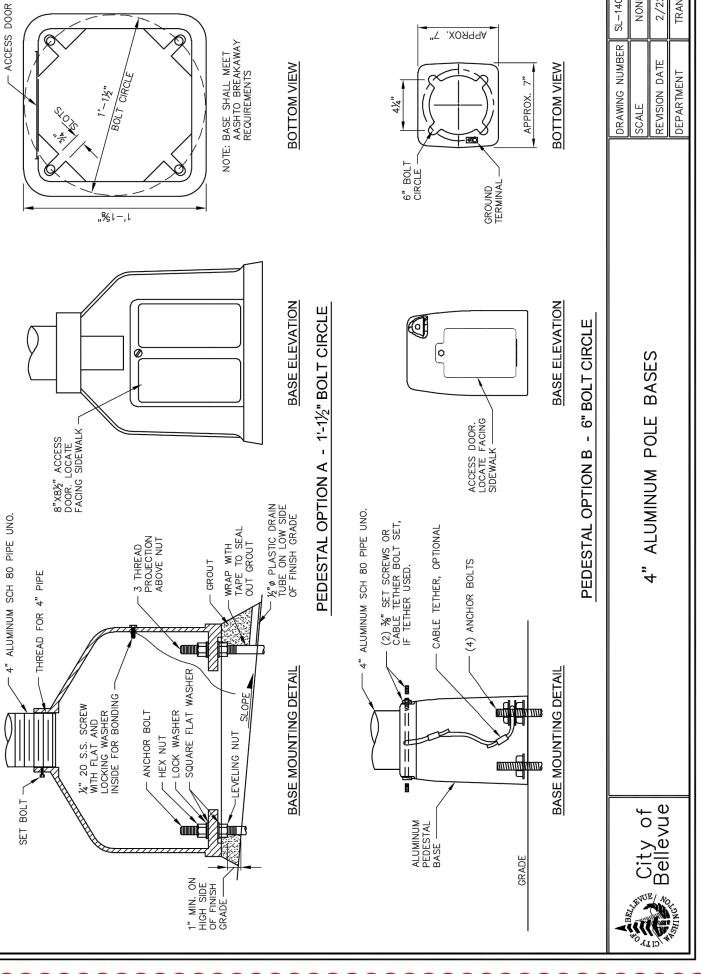
PHOTOMETRIC CALCULATIONS

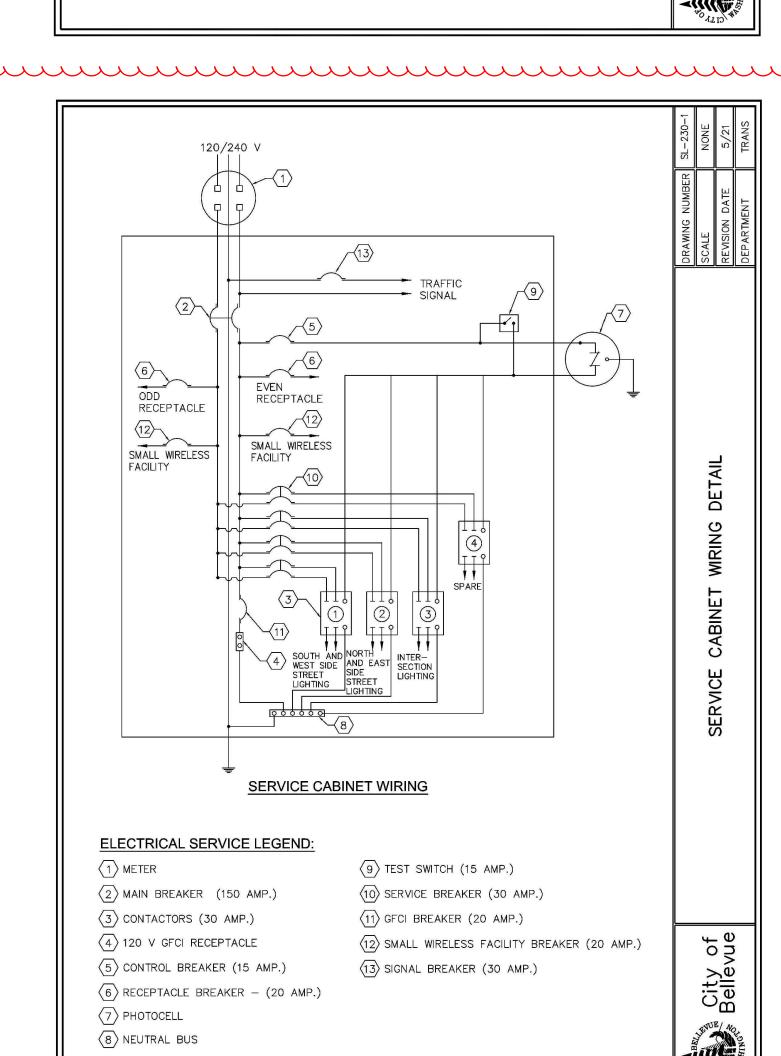
TS1.03

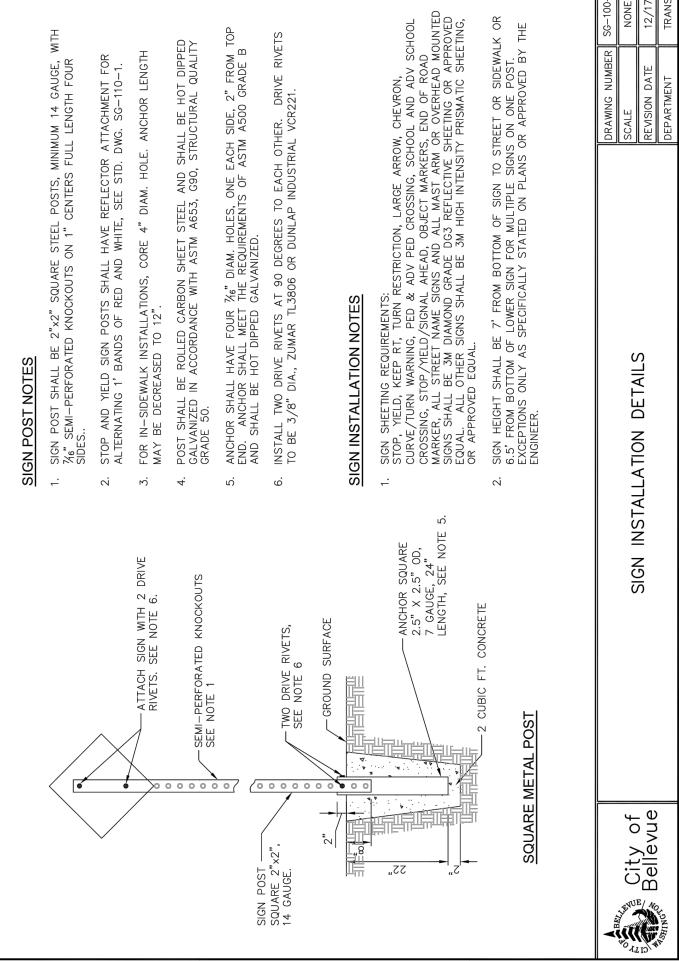














SET TYPE:
PERMIT SET

03.31.2022

⚠ PERMIT RESUBMITTAL 08.03.2022

RRFB DETAILS & NOTES

TS1.04

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REVISIONS:

DMA/VNF

SHEET NAME:

SHEET NUMBER:



Park **Trails**



